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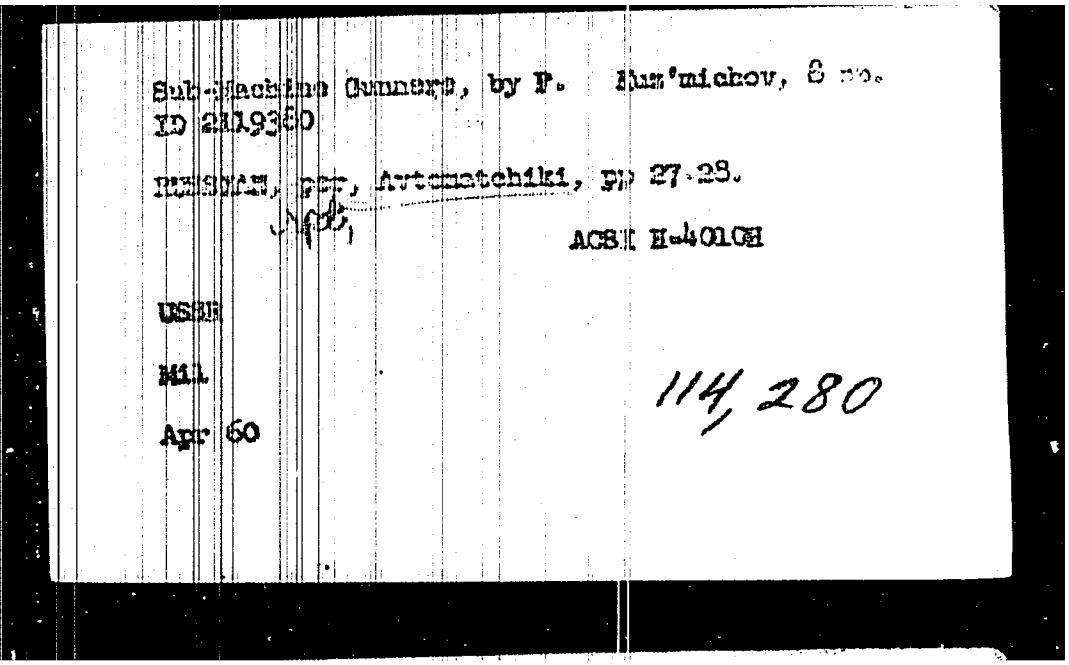

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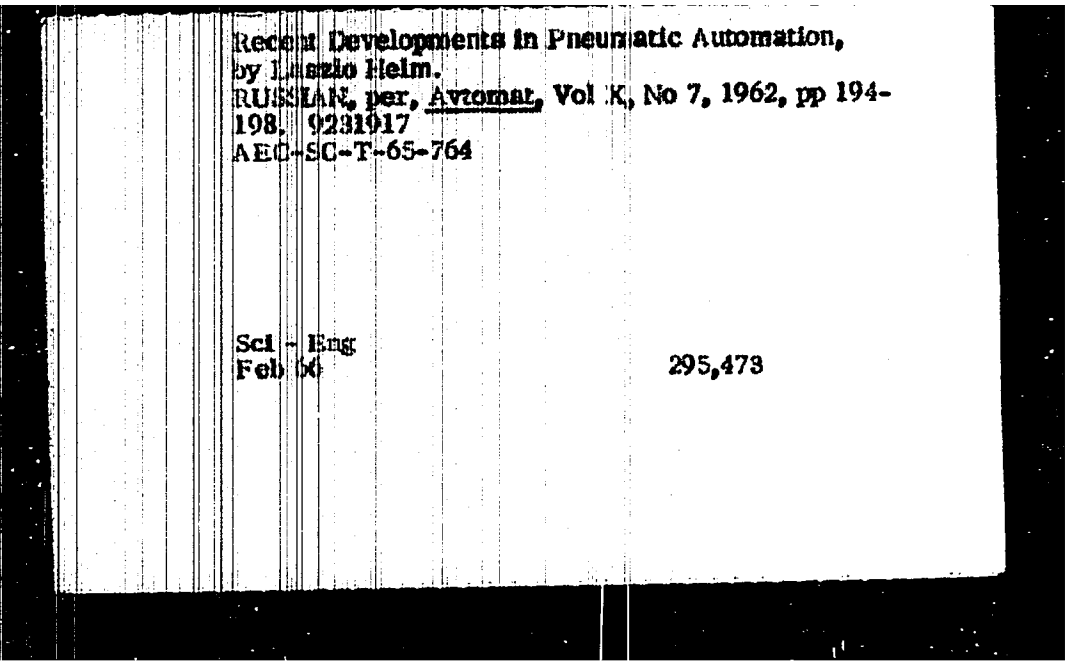

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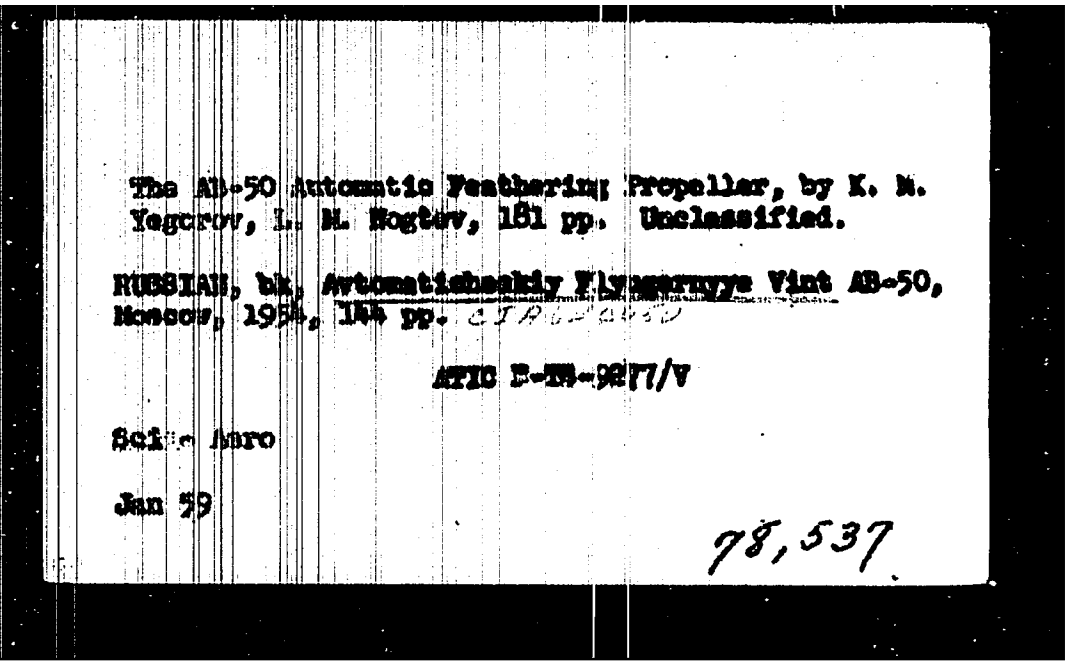

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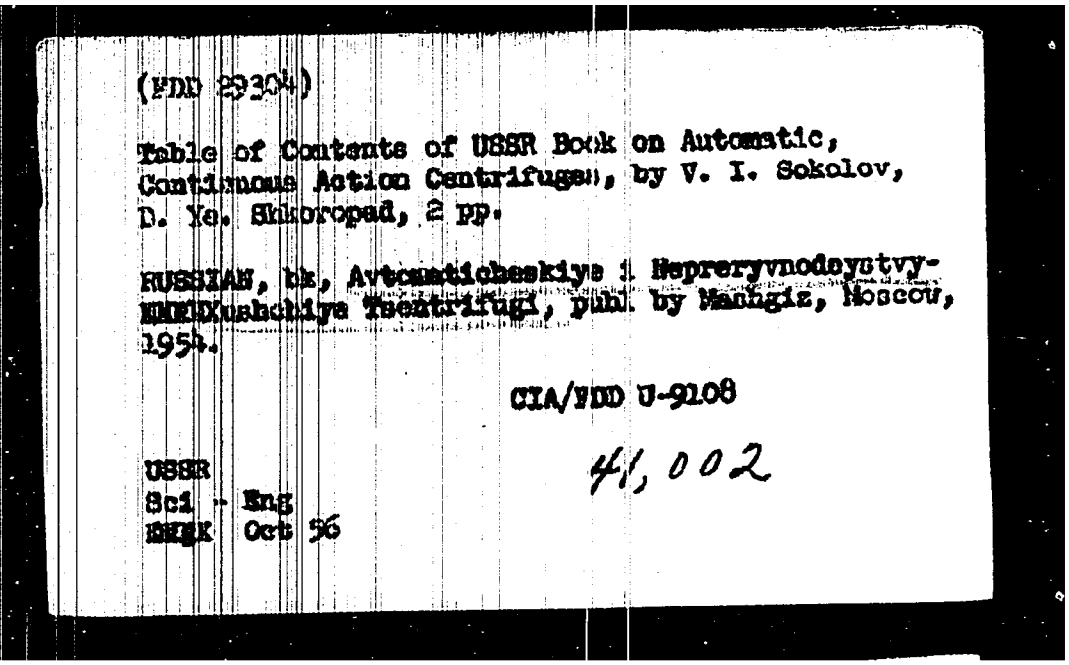

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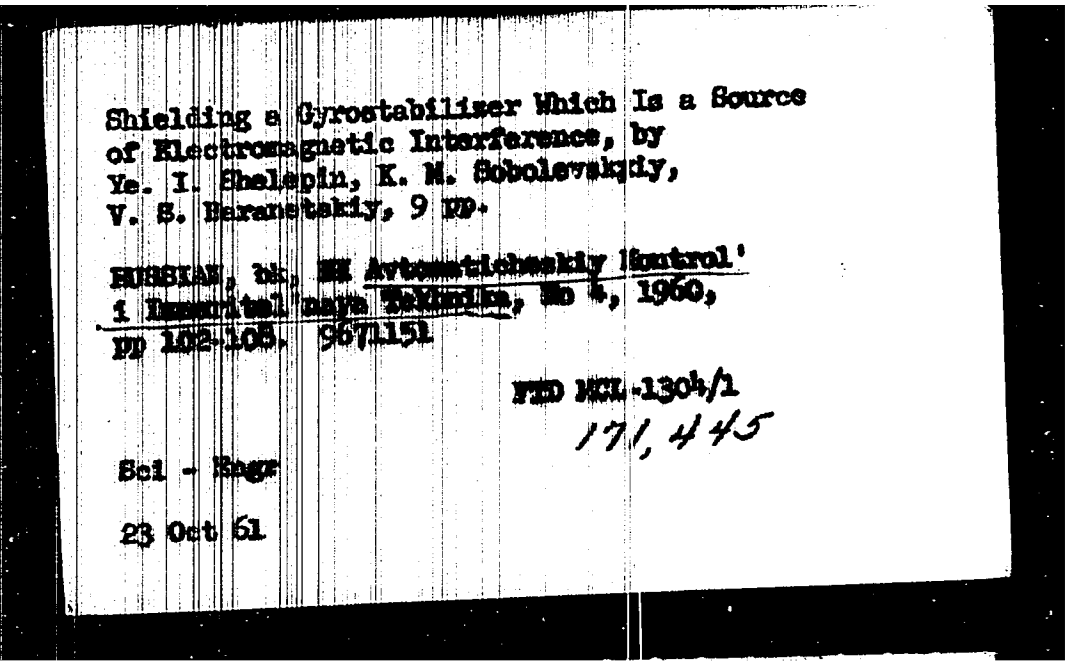

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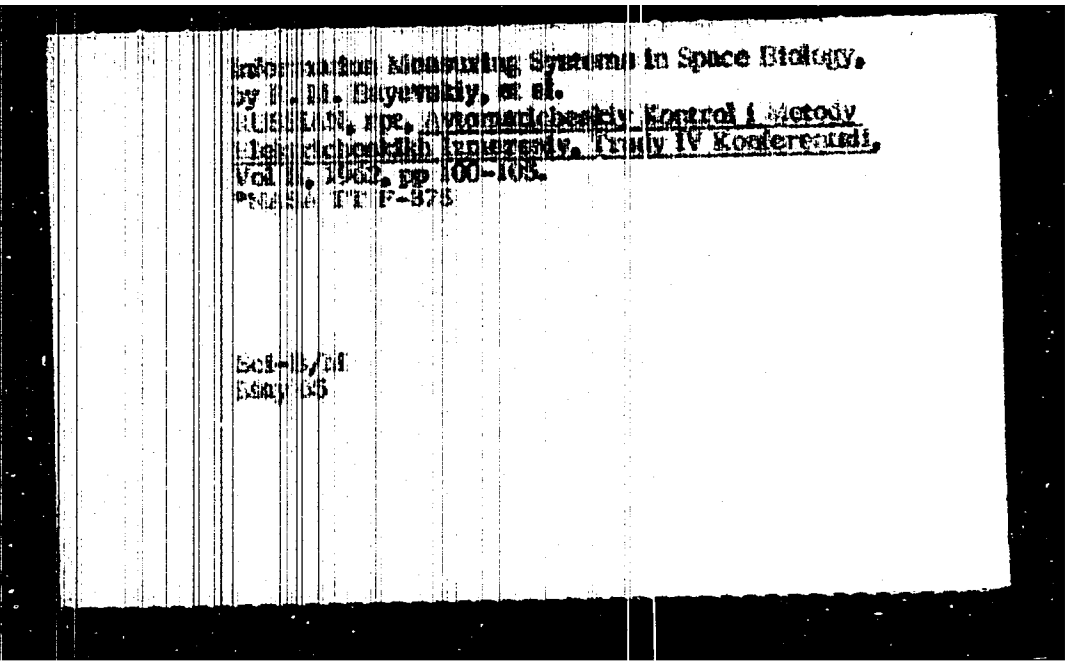

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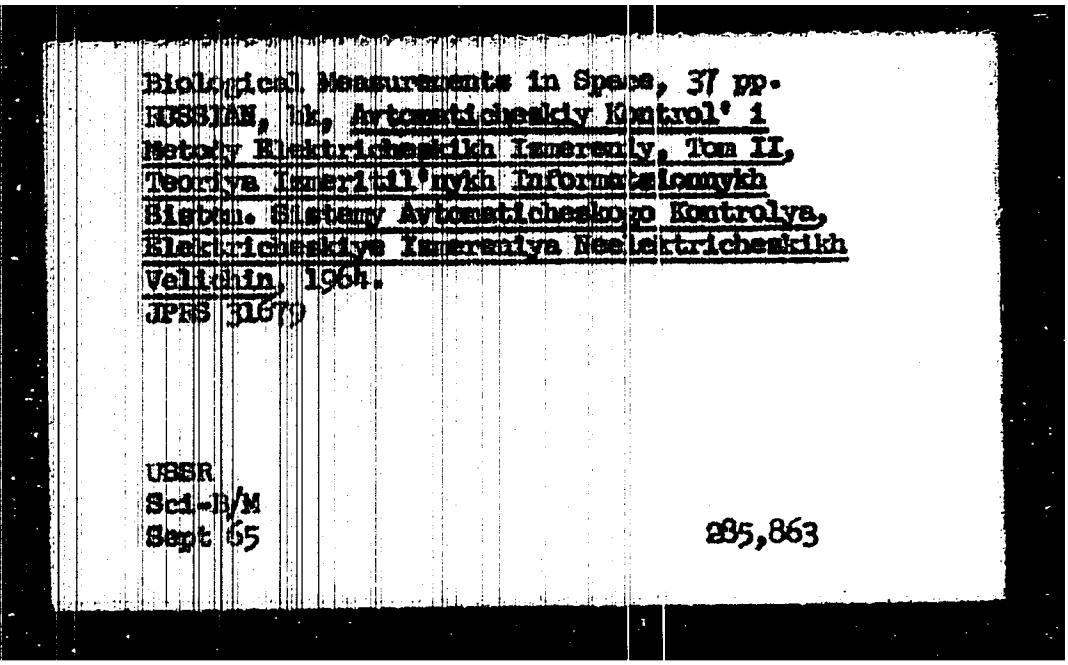

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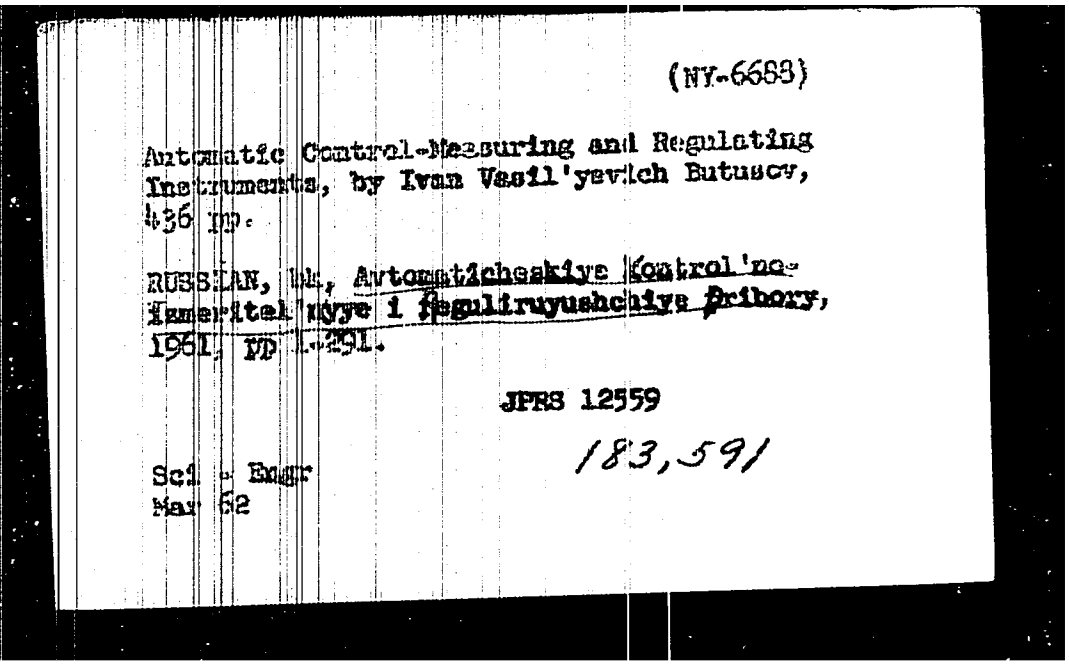

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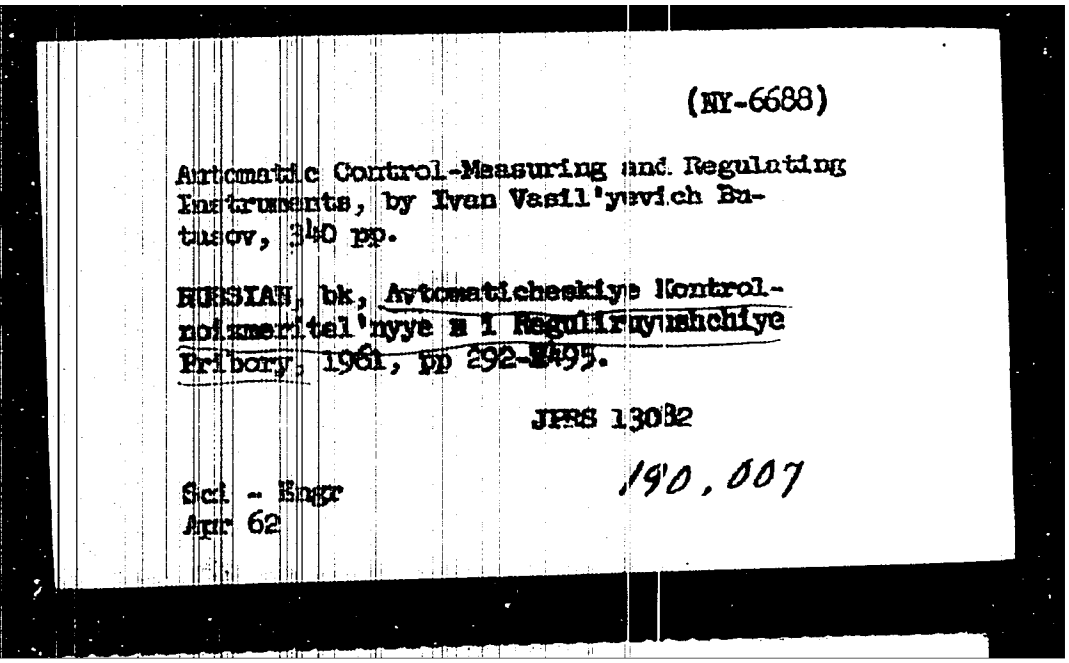

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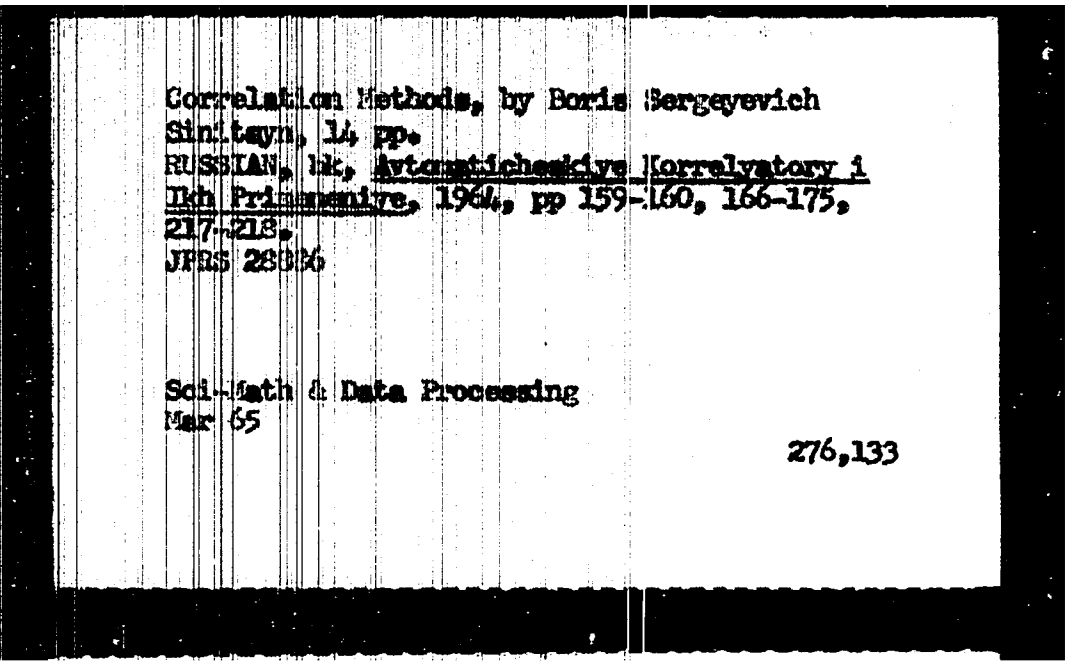

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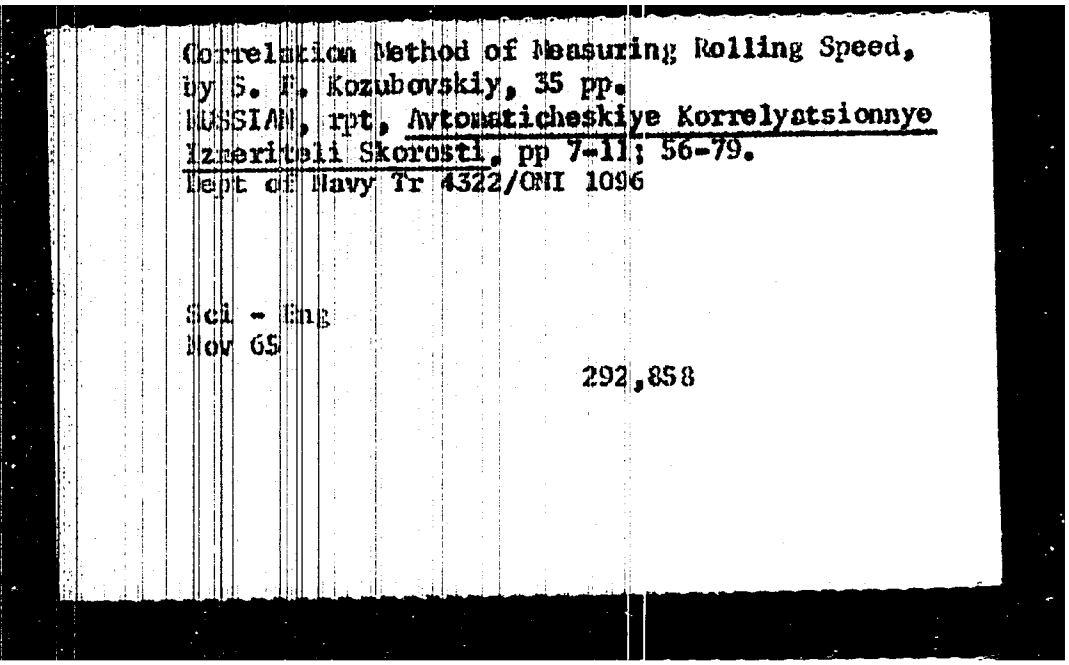

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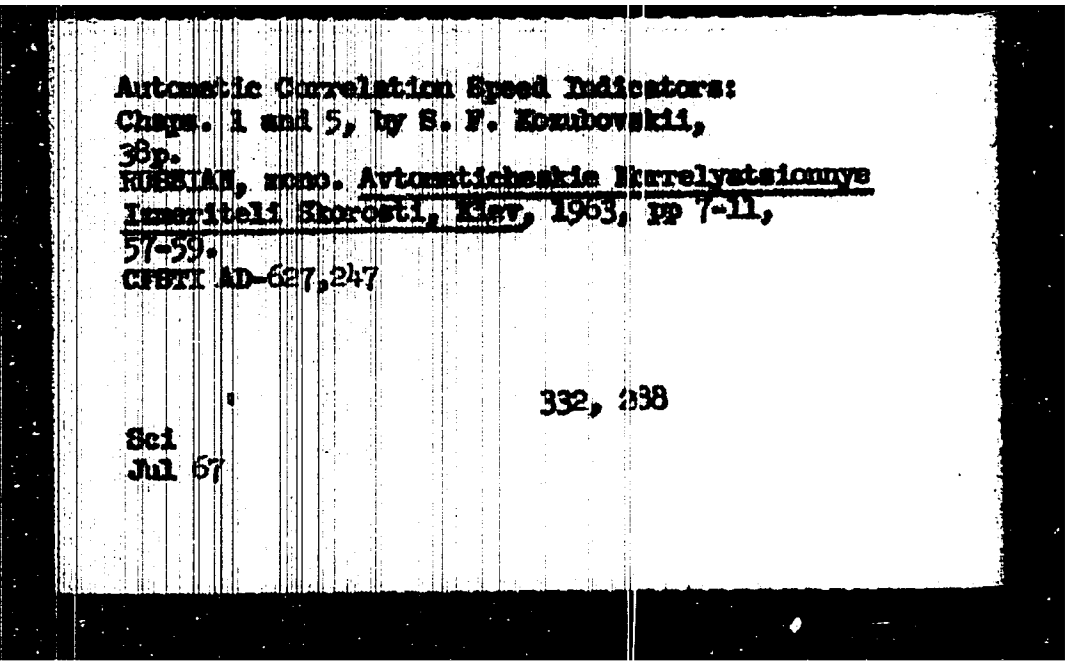

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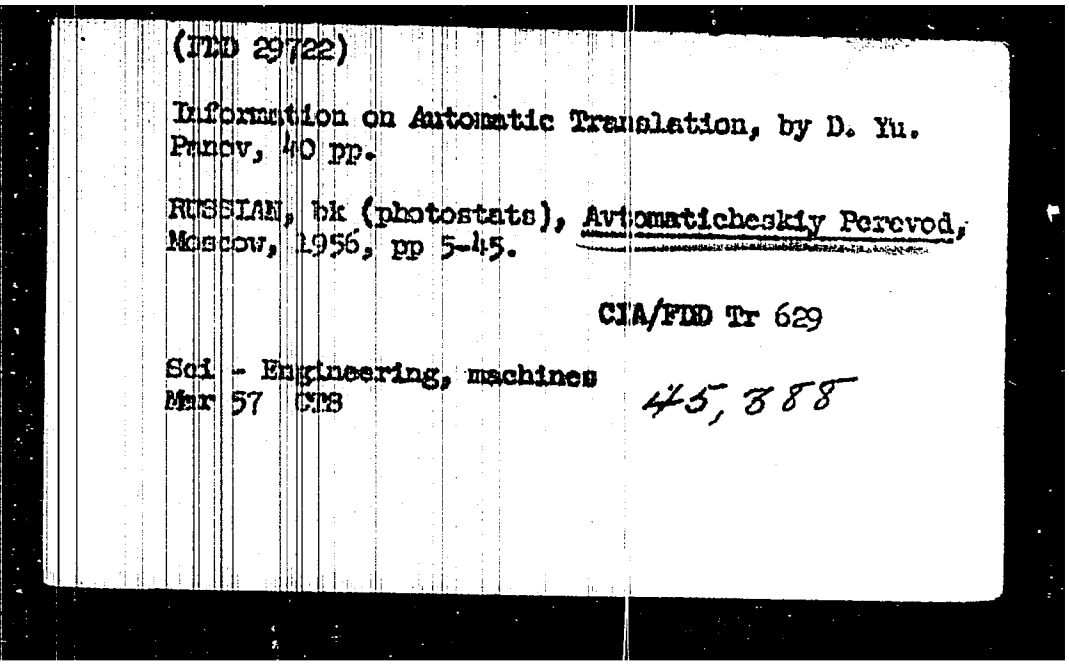

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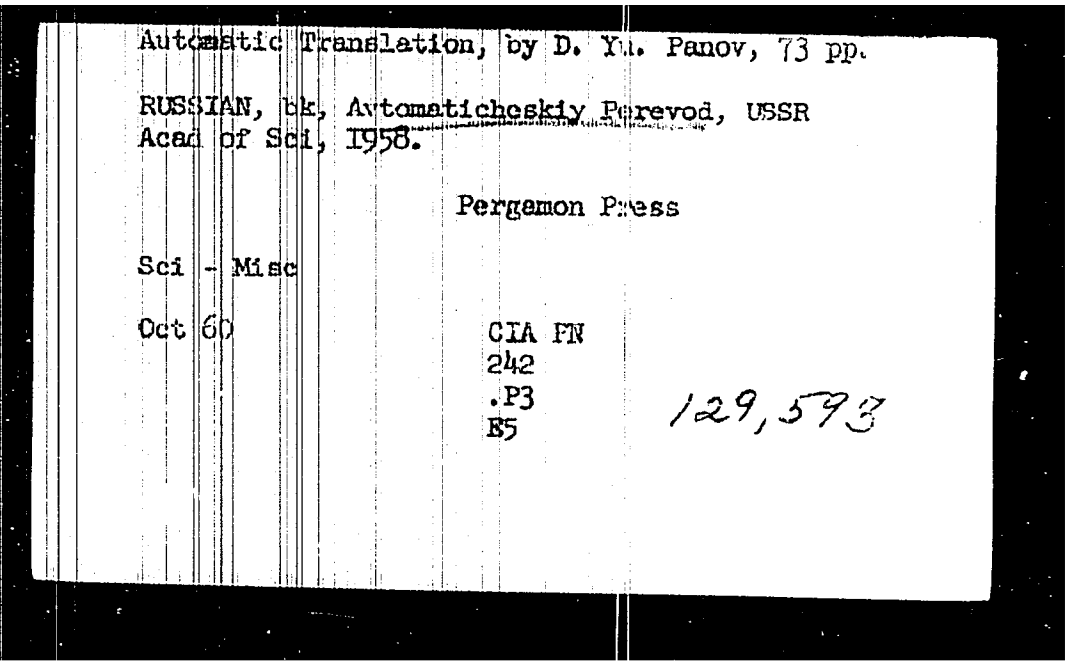

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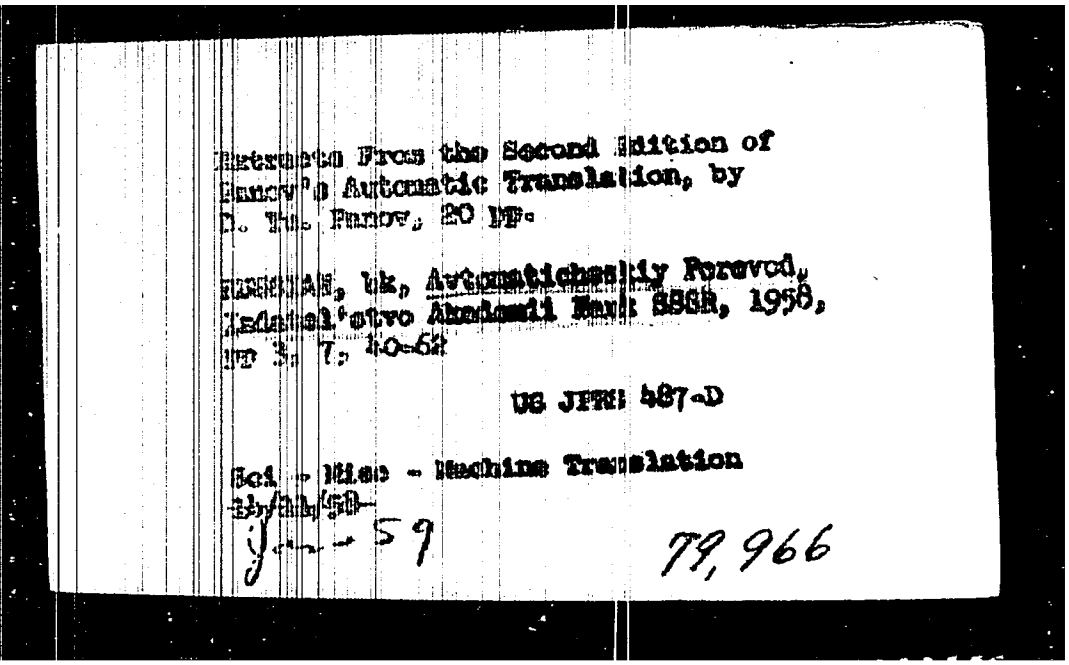

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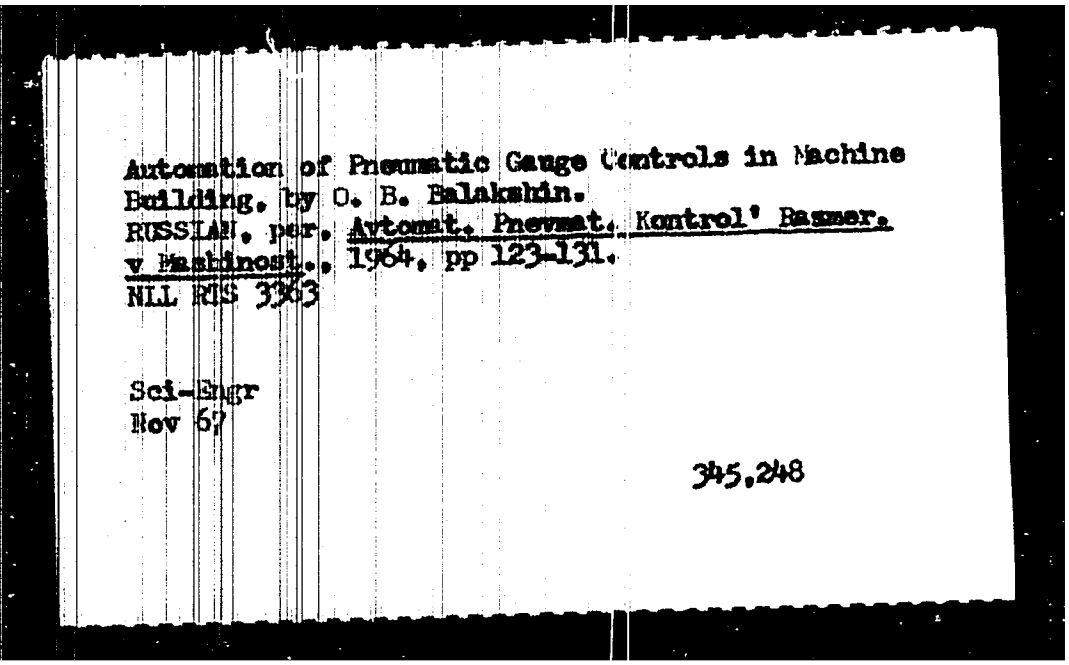

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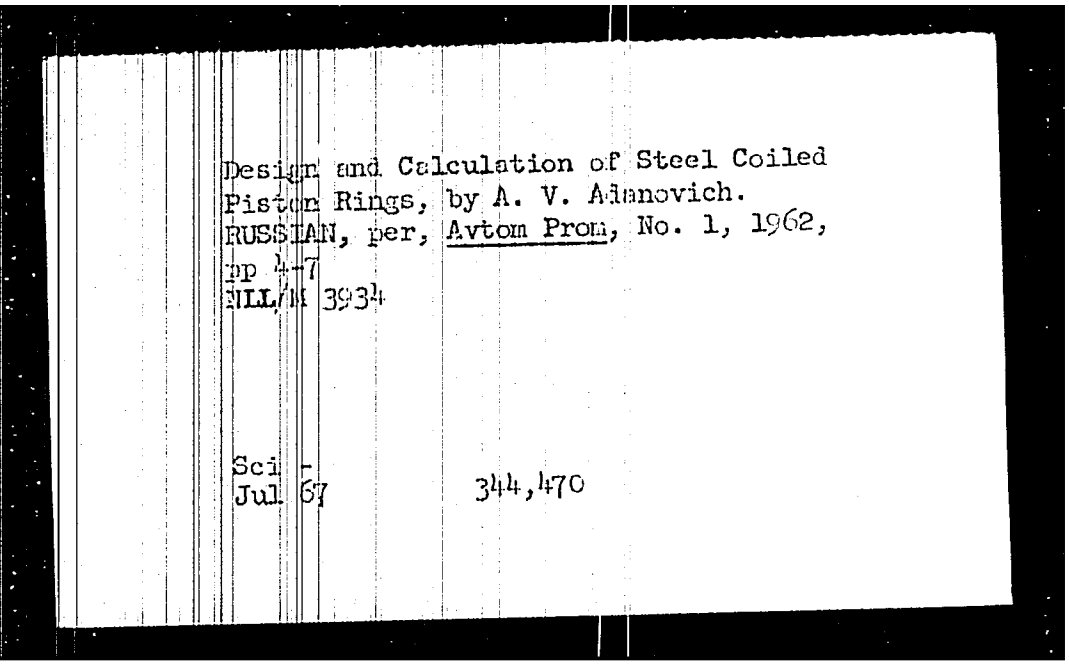

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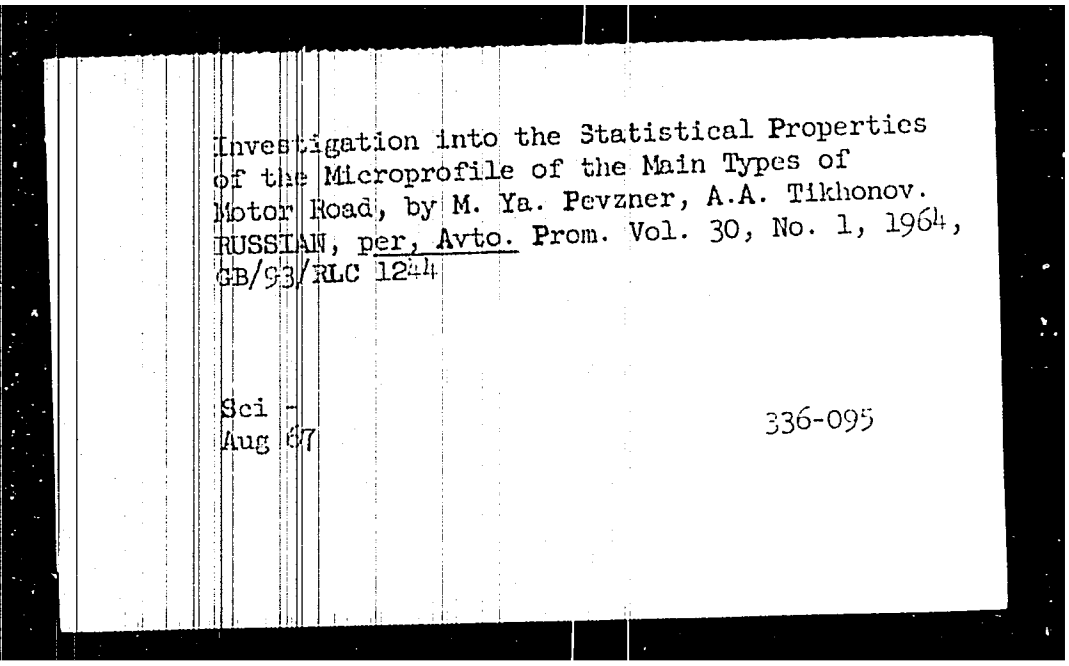

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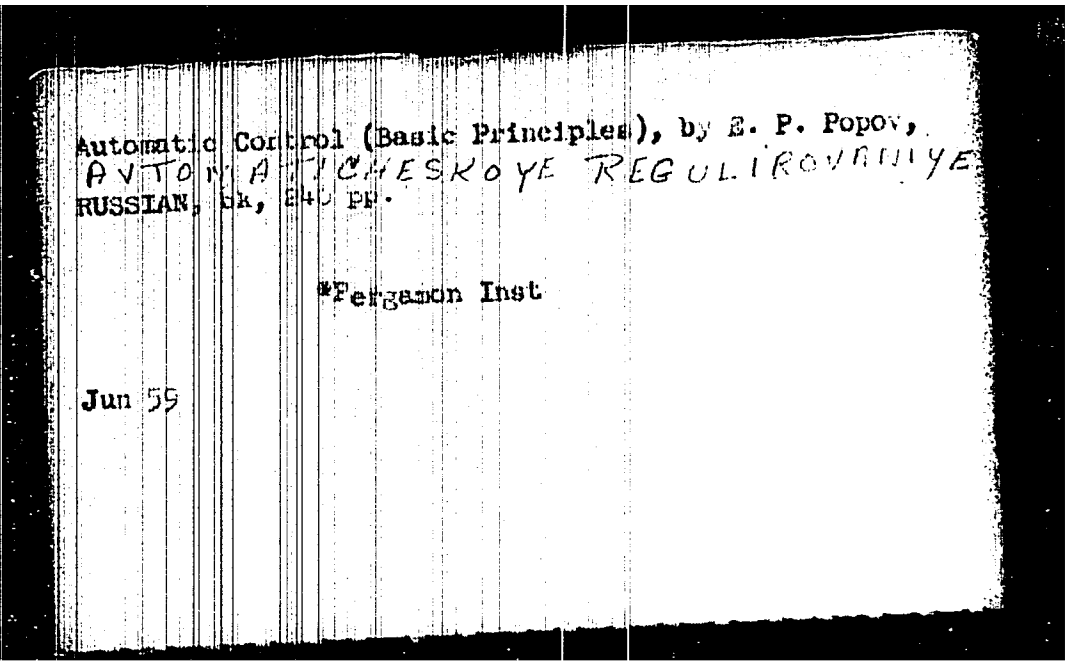

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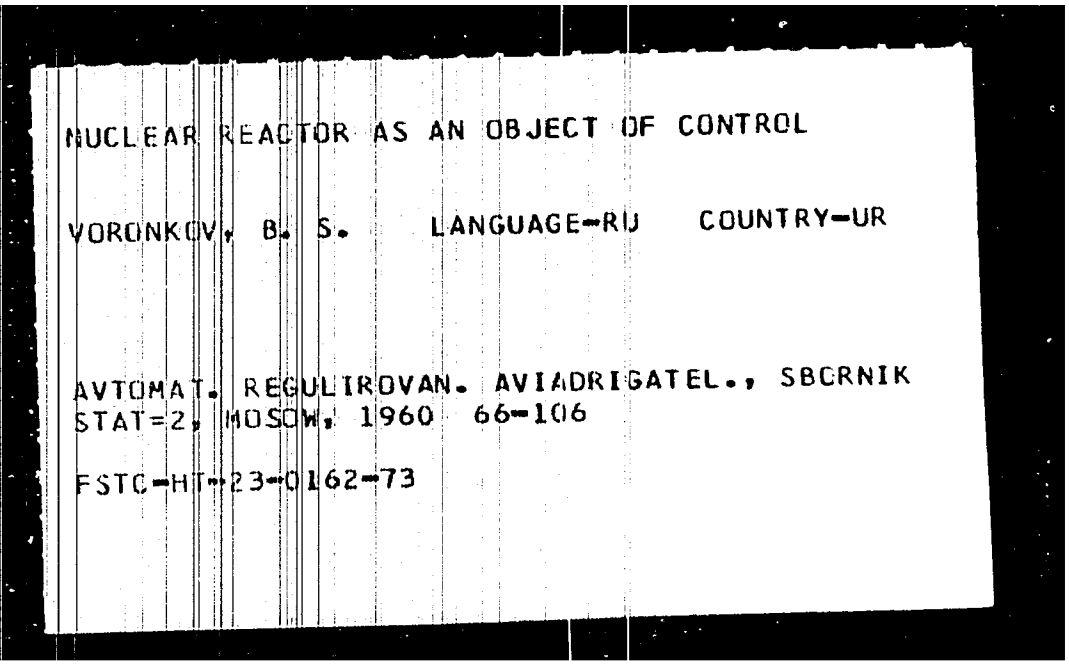

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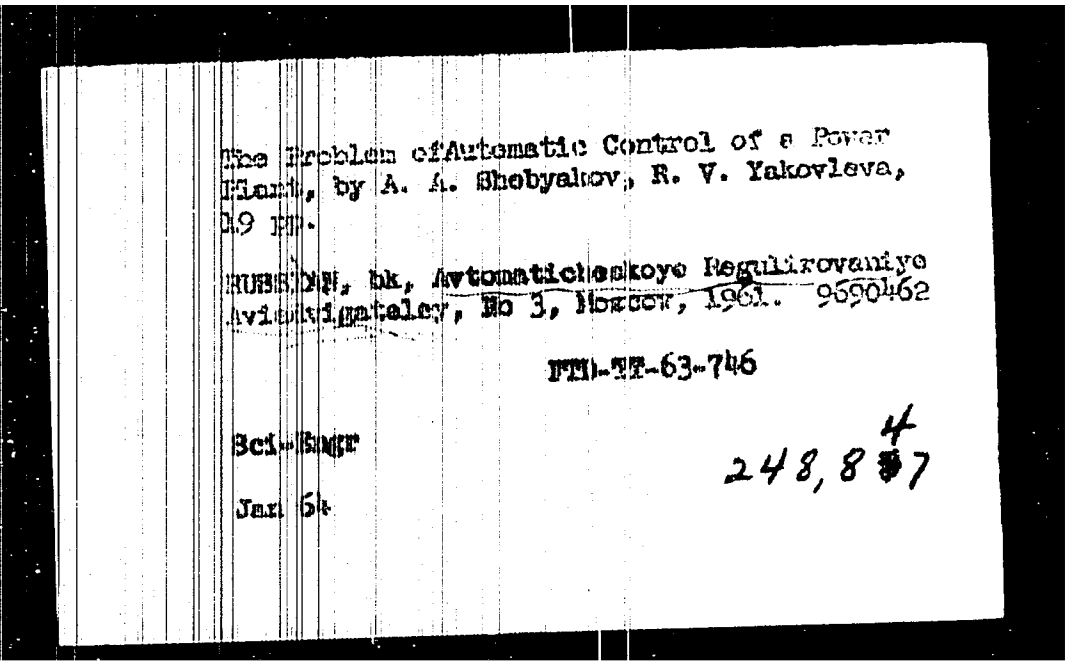

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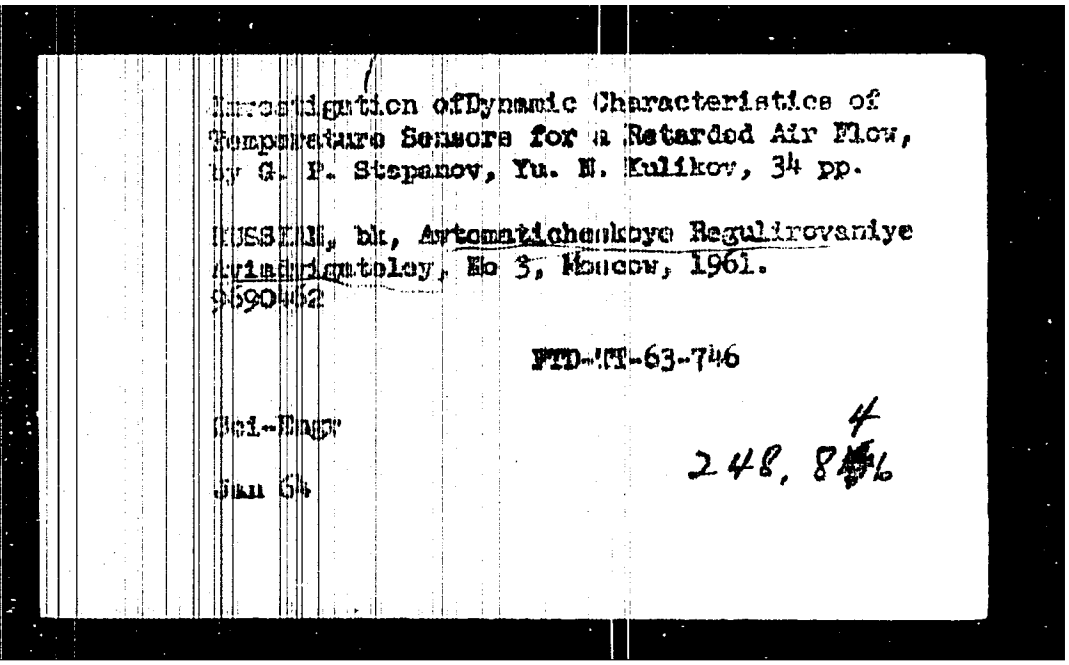

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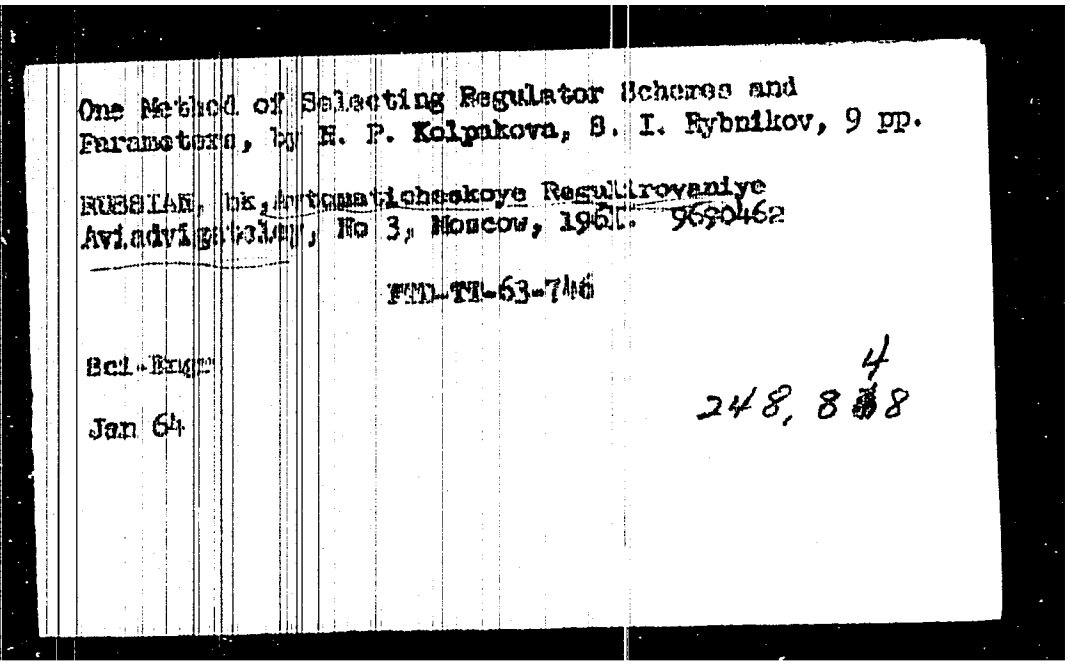

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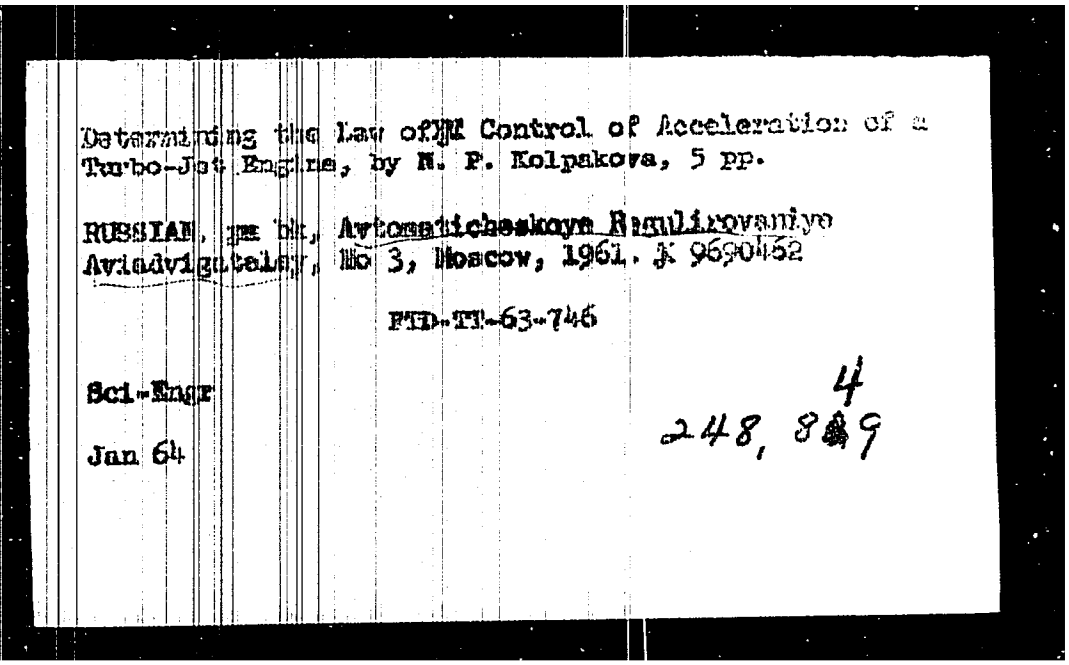

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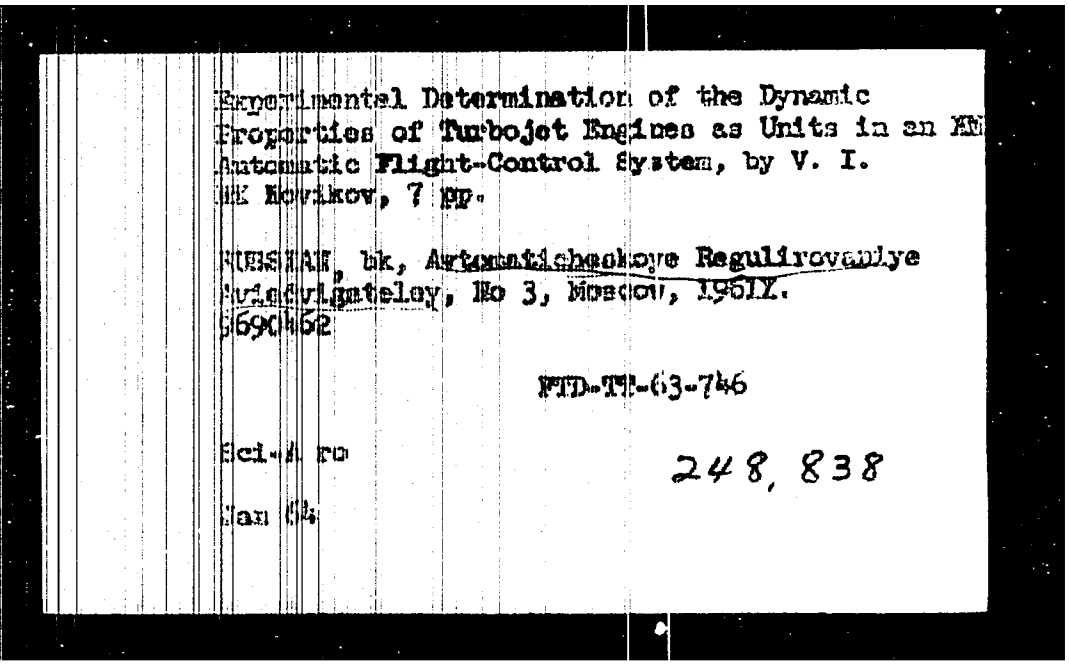

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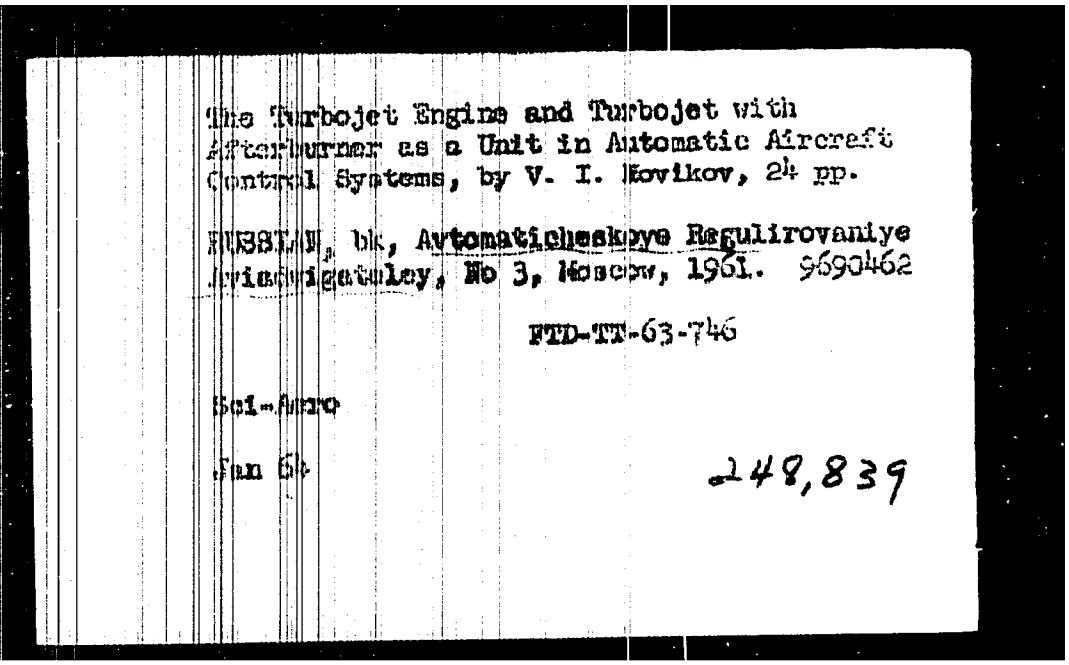

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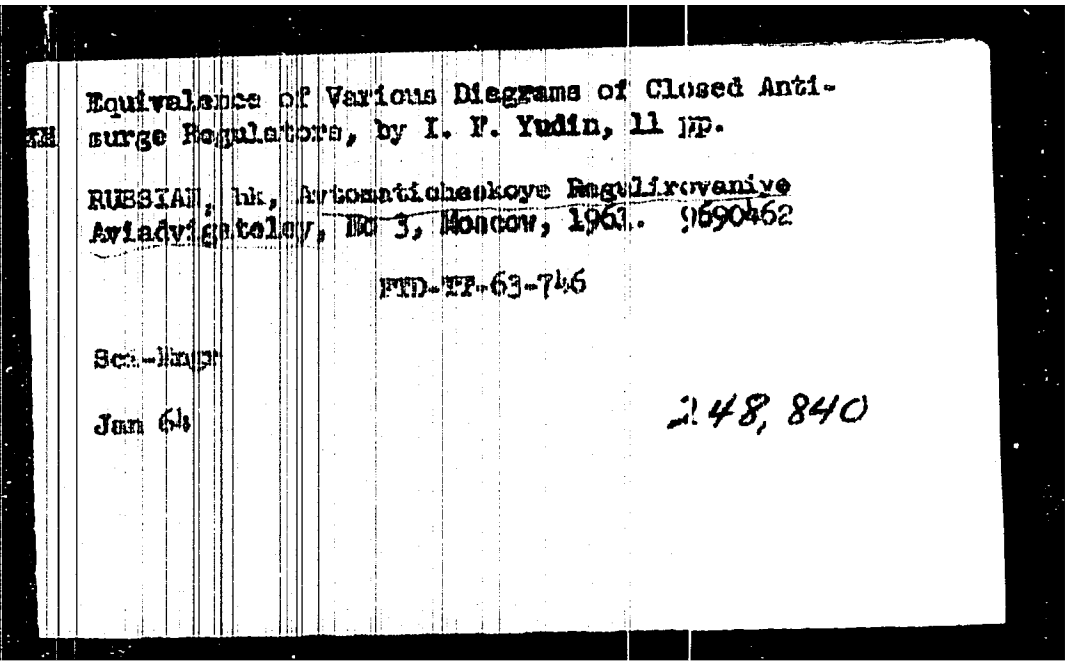

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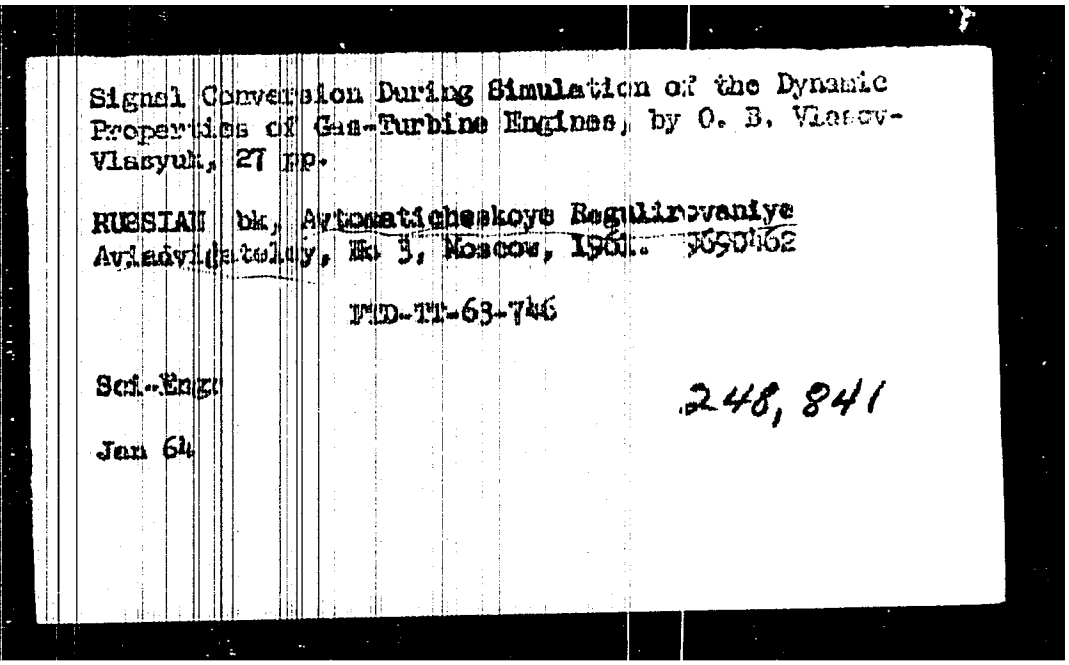

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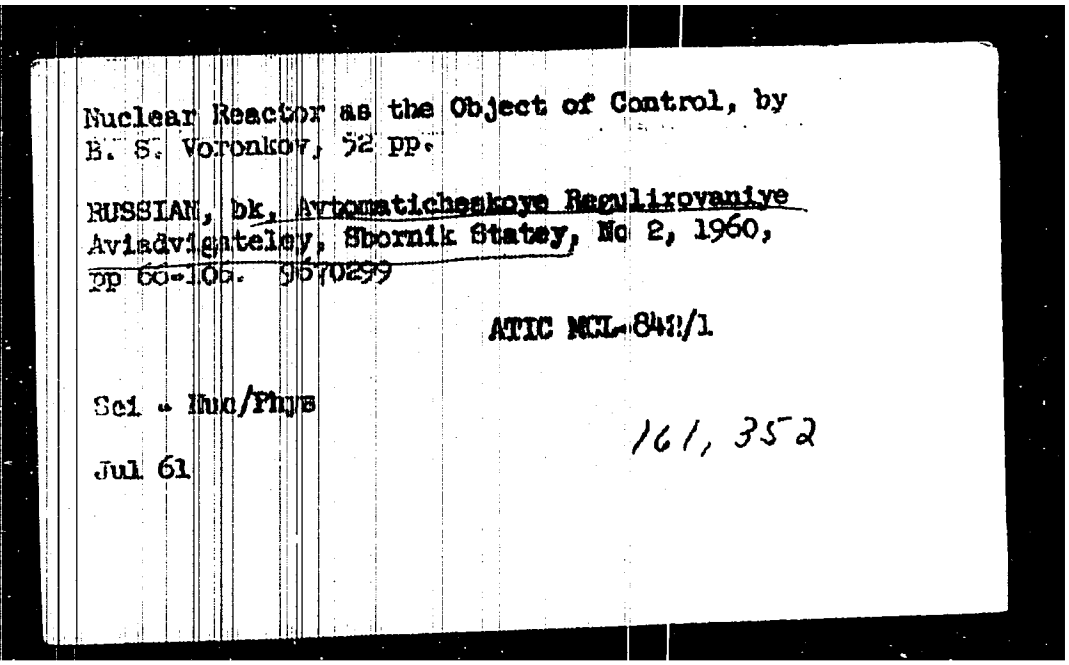

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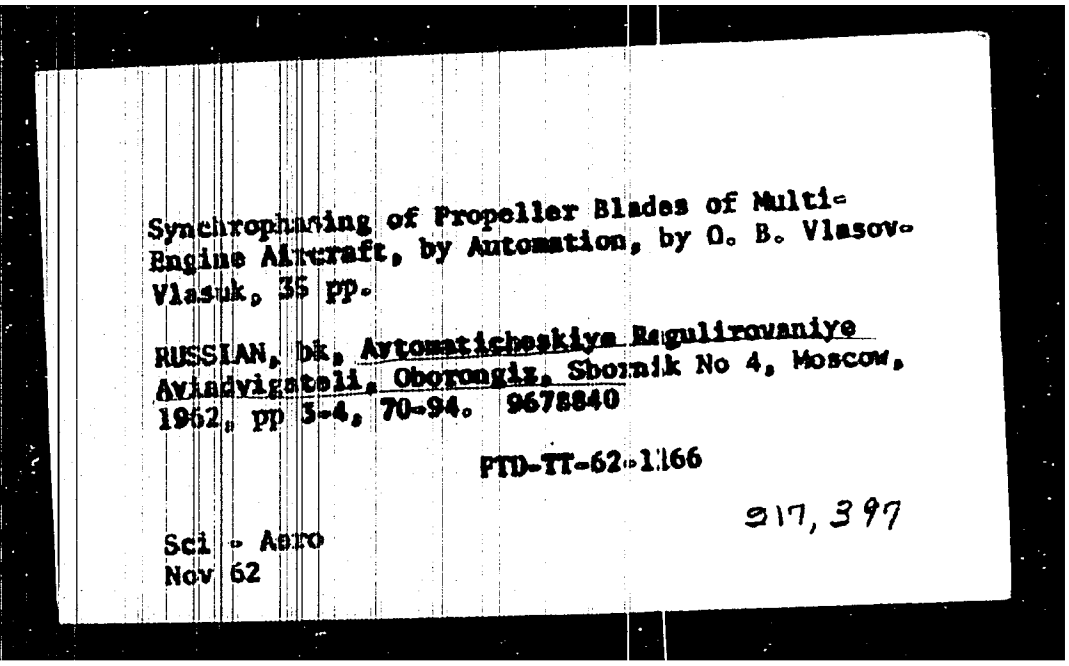

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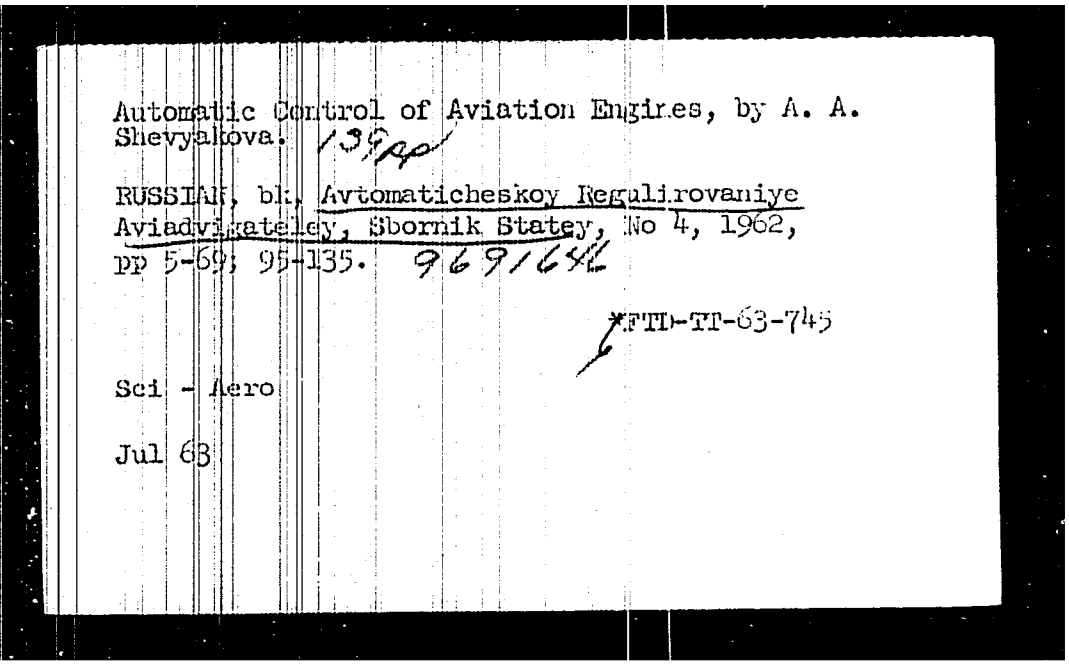

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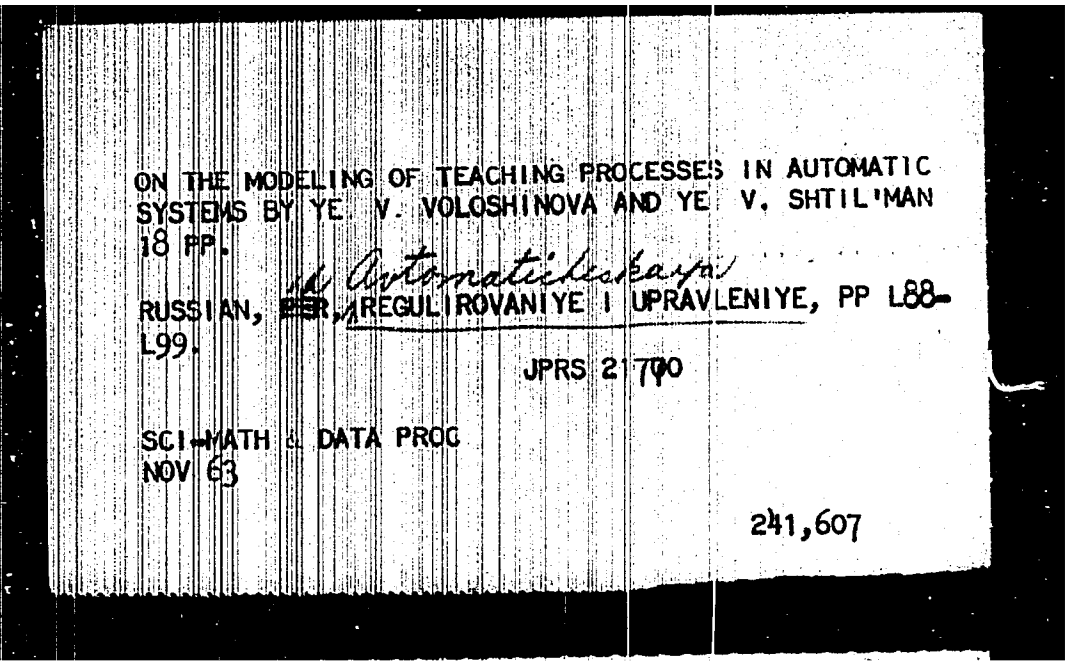

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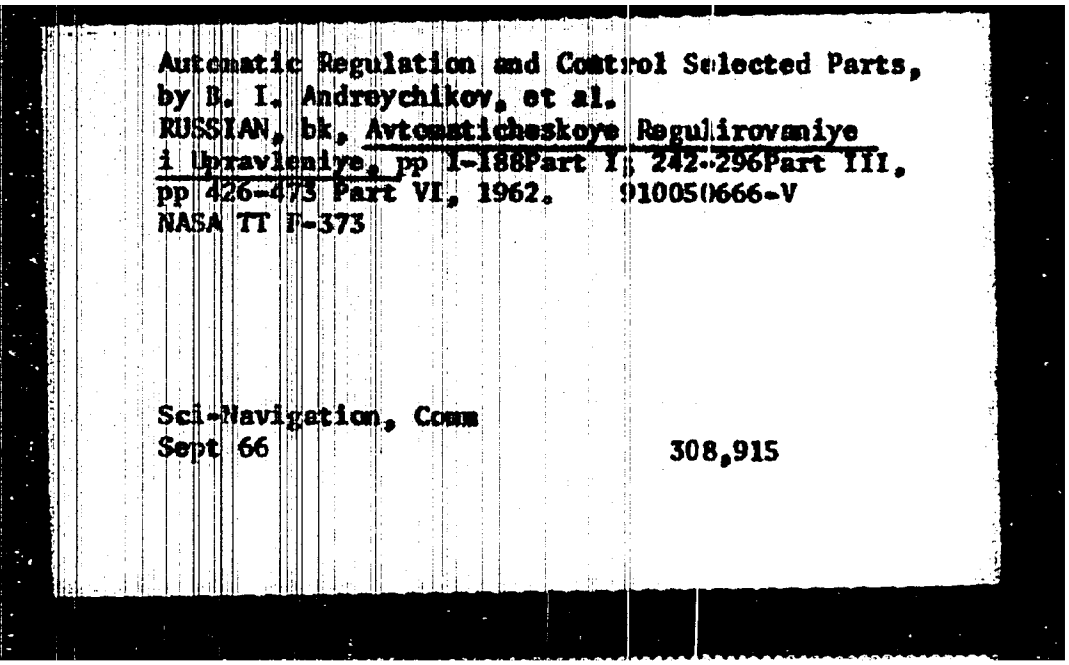

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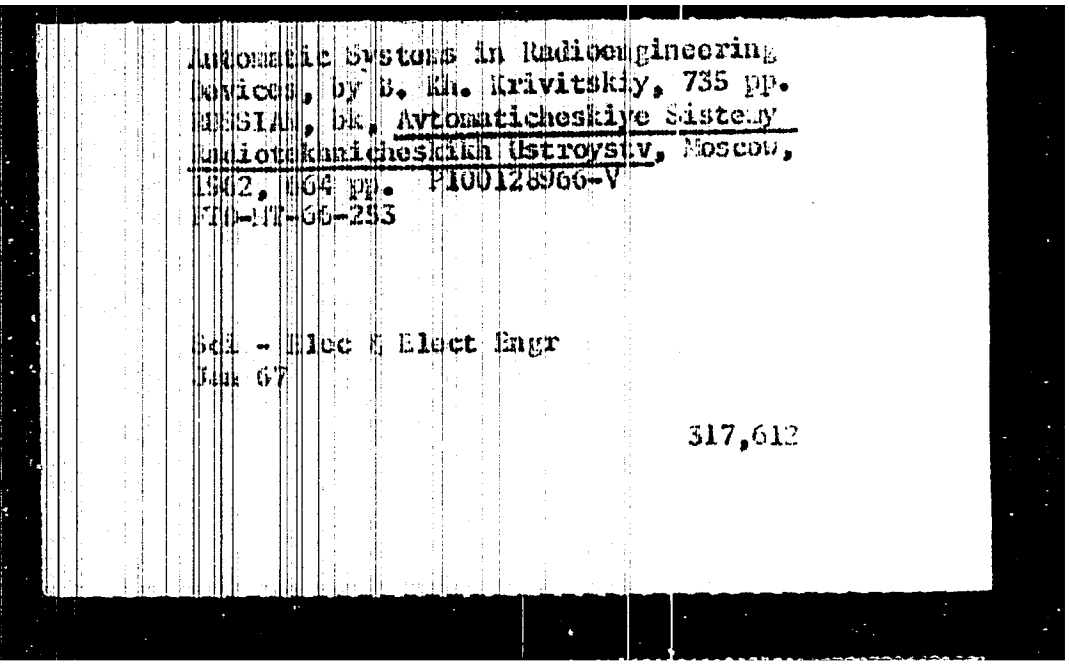

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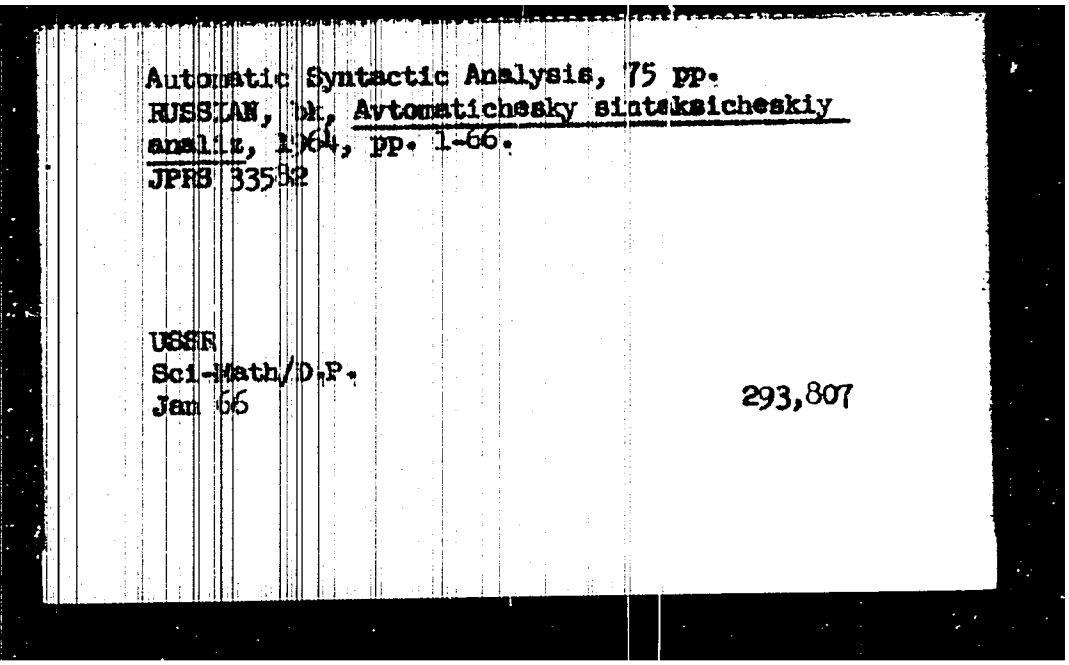

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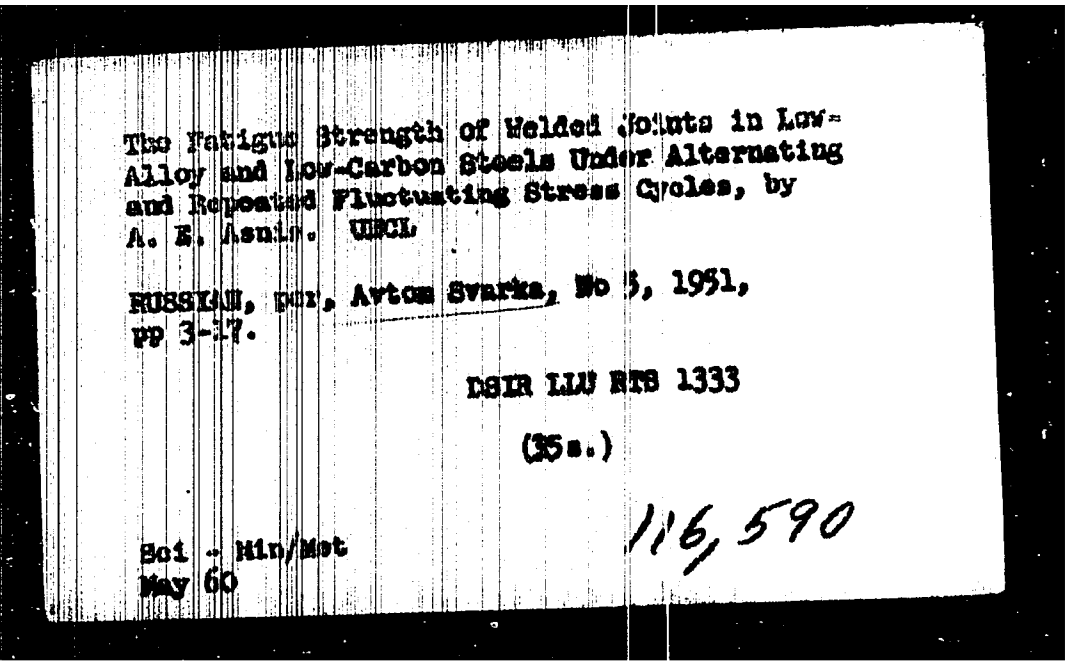

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THE PROBABILITY LAW OF OPERATION OF AUTOMATIC LINES AND INTERNAL STORAGE IN THEM. [1961] [59]p. 25 refs. [DSIR NLL] M. 1924.
Order from CTS or SLA $5.60 61-13467

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DESCRIPTORS: *Operations research, Industrial research, *Probability, *Industrial production, Storage, Automation.

This article deals with certain problems of the theory of automatic lines, their laws of operation and the application of these laws to the solution of certain problems associated with increasing the efficiency of the lines. The probability law of operation of automatic lines is found. The problem of the most suitable num- (over)
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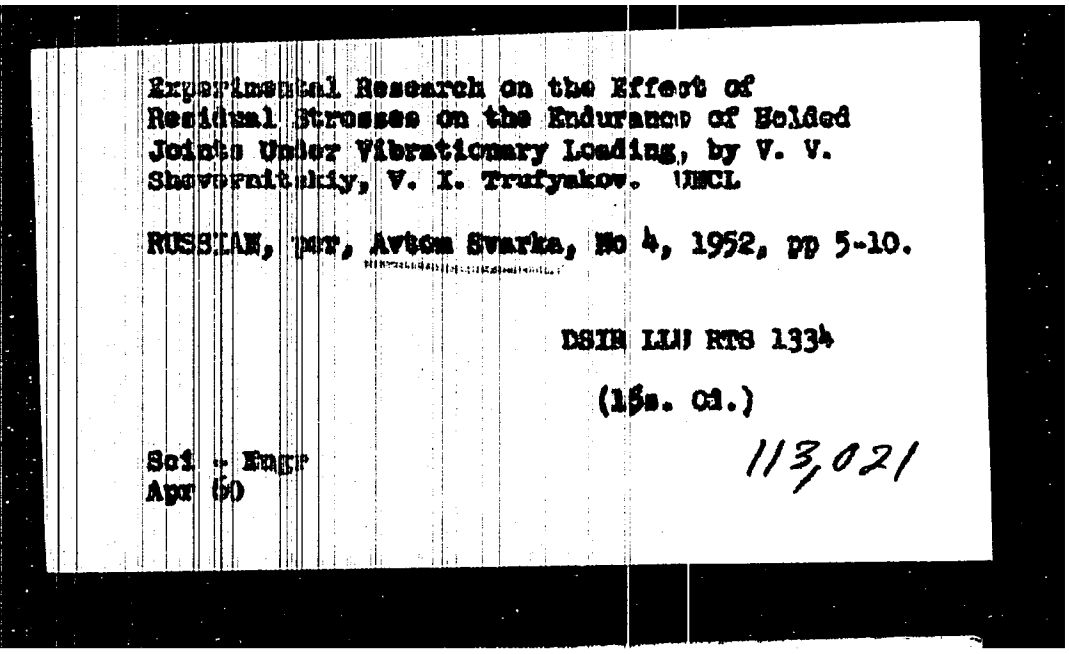

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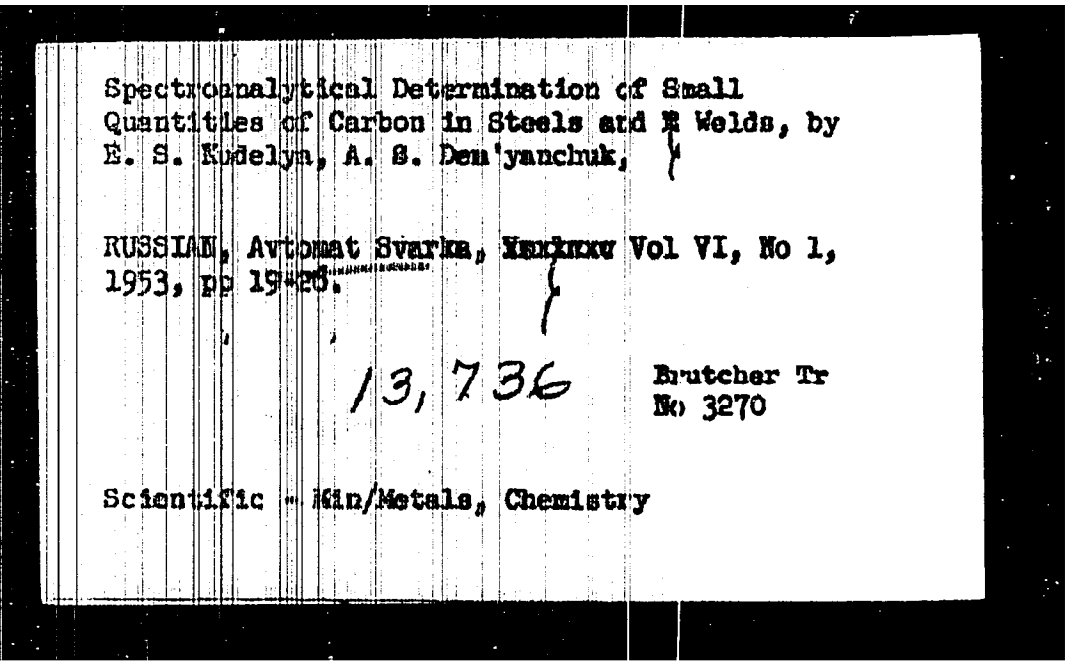

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Brutcher Tr No 3270

Scientific - Min/Metals, Chemistry

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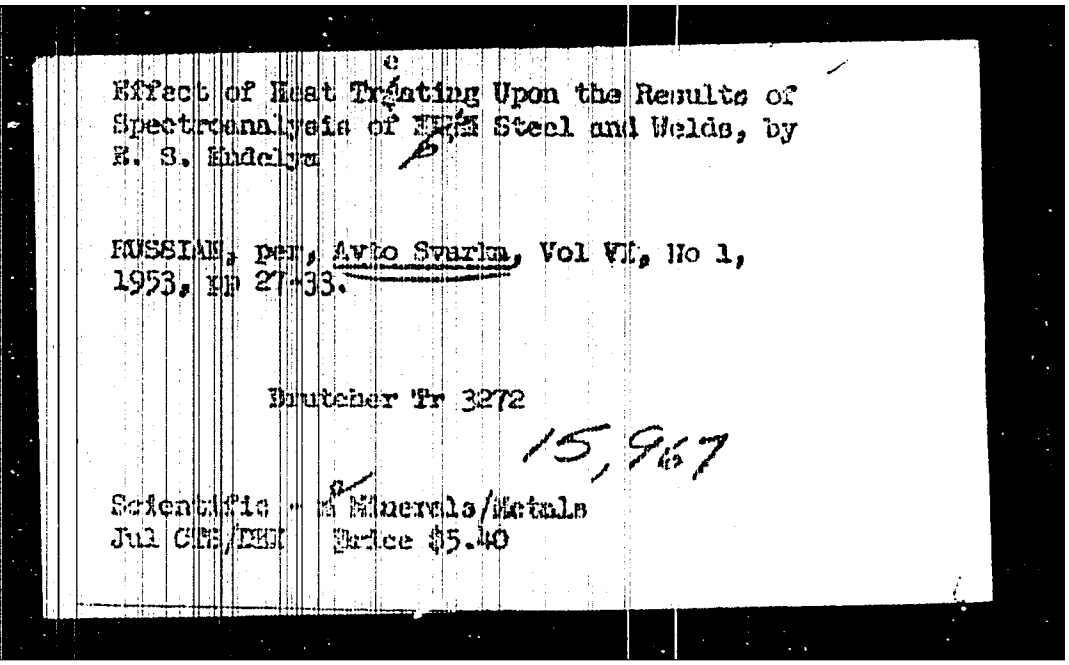

Effect of Heat Treating Upon the Results of Spectroanalysis of [illegible] Steel and Welds, by E. S. Endelya

RUSSIAN, per, Avto Svarka, Vol VI, No 1, 1953, pp 27-33.

Brutcher Tr 3272

15,947

Scientific - Minerals/Metals
Jul CIS/IMI Price $5.40

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530029-8

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Development of Primary Structure of Welds in Low Carbon and Low Alloy Steels by Electrolytic Etching, by A. A. Rossochinskii

RUSSIAN, per, Avto Svarka, Vol 6, 1953, No 1, pp 52-54.

Brutcher Tr No 3071

Scientific - Metallurgy Price $2.75

1376

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Influence of Temperature and Time Upon Intergranular Corrosion of Welds in 18-8 Type Steel, by N. Yu. Pal'chuk,

RUSSIAN, per, Avtomat Svarka, Vol VI, No 2, 1953, pp 3-14.

Brutcher Tr No 3233
$9.80

21,072

Scientific - Min/Metals

Feb 55 CTS

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Electrodes for the Welding of Acid-Resisting Cr-Ni-Mo-Ti Steels, by G. A. Ukolov.

RUSSIAN, per, Avtomaticheskaya Svarka, Vol VI, No 3, 1953, pp 46-49.

Brutcher Tr 3188

Scientific - Minerals/Metals

Price $1.80 Nov 53 CTS

7340

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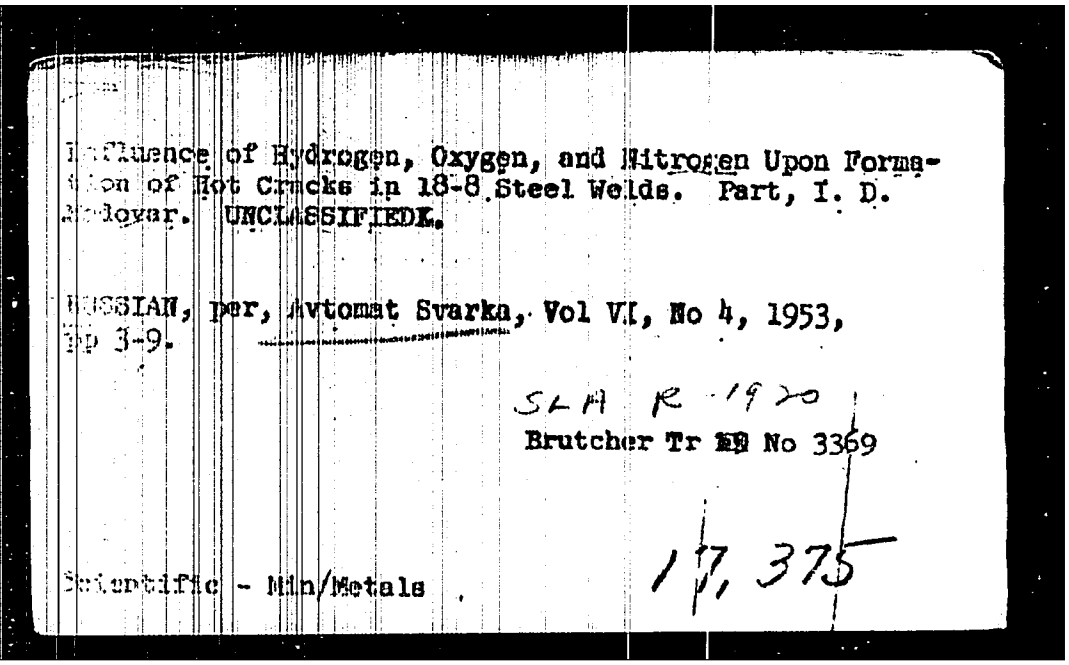

Influence of Hydrogen, Oxygen, and Nitrogen Upon Formation of Hot Cracks in 18-8 Steel Welds. Part, I. D. Rodyar. UNCLASSIFIED.

RUSSIAN, per, Avtomat Svarka, Vol VI, No 4, 1953, pp 3-9.

SLA R 1920
Brutcher Tr No 3369

17, 375

Scientific - Min/Metals

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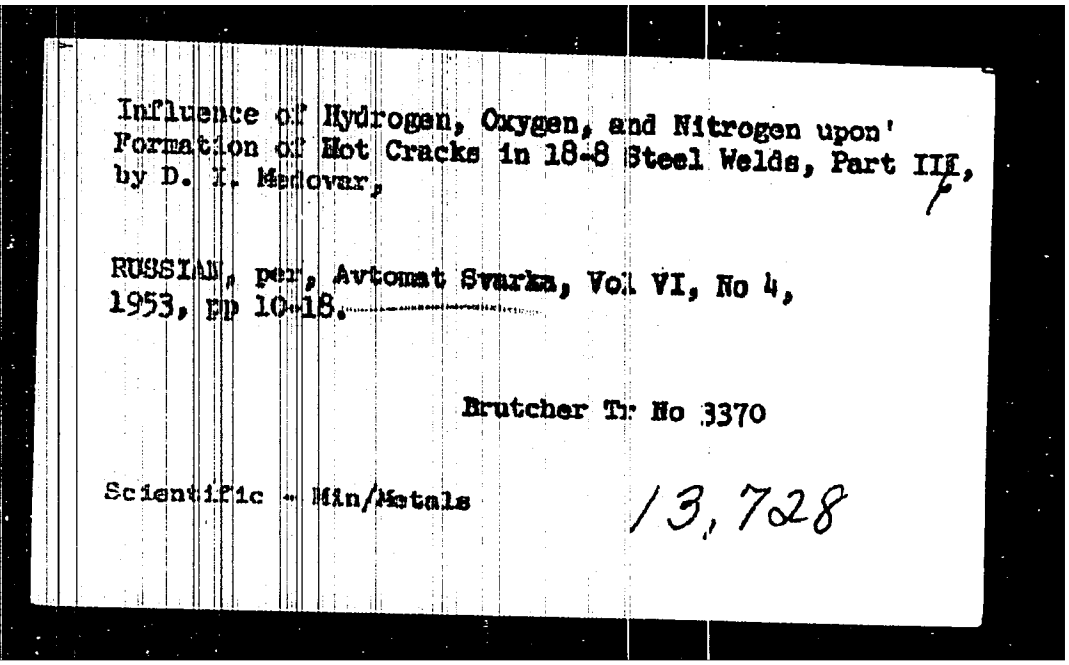

Influence of Hydrogen, Oxygen, and Nitrogen upon Formation of Hot Cracks in 18-8 Steel Welds, Part III, by D. I. Medover,

RUSSIAN, per, Avtomat Svarka, Vol VI, No 4, 1953, pp 10-18.

Brutcher Tr No 3370

Scientific - Min/Metals

13,728

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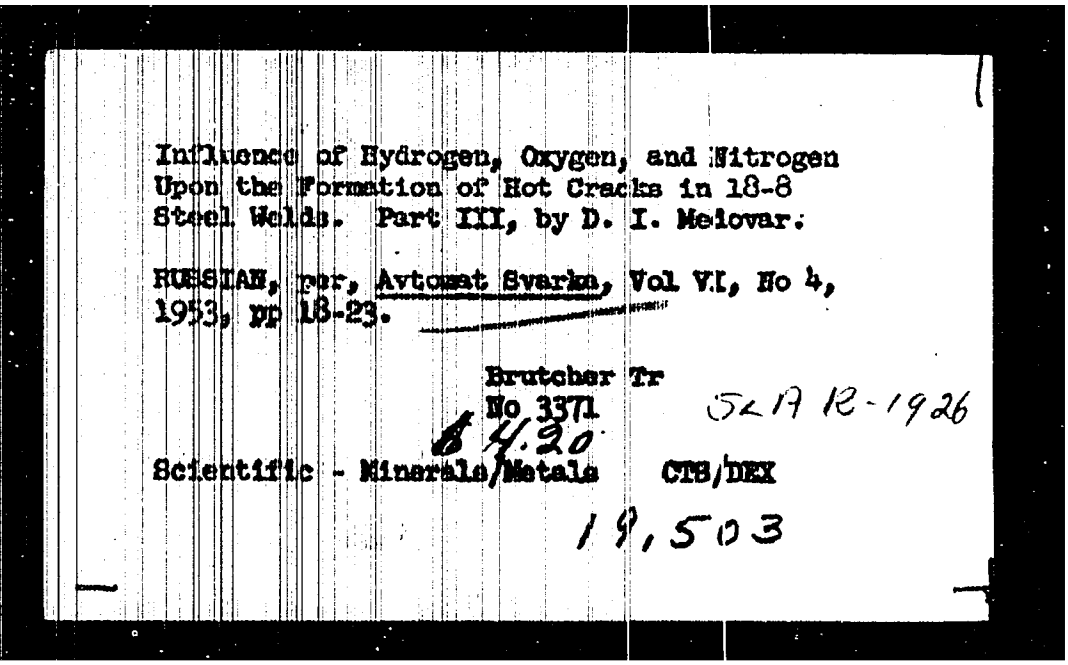

Influence of Hydrogen, Oxygen, and Nitrogen Upon the Formation of Hot Cracks in 18-8 Steel Welds. Part III, by D. I. Melovar.

RUSSIAN, per, Avtomat Svarka, Vol VI, No 4, 1953, pp 18-23.

Brutcher Tr
No 3371
54.20

Scientific - Minerals/Metals CTS/DEX

19,503

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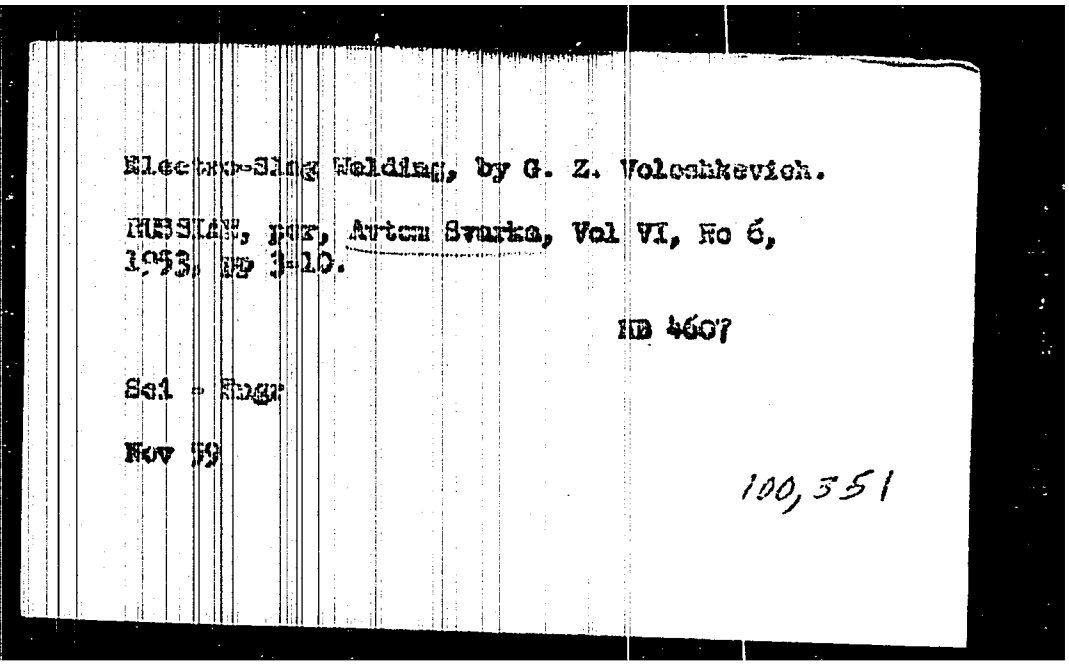

Electro-Slag Welding, by G. Z. Volochkevich.

RUSSIAN, per, Avtom Svarka, Vol VI, No 6, 1953, pp 3-10.

MB 4607

Sel - Engr

Nov 59

100,351

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The Sigma Phase in 18-8 Austenitic Steel Welds,
by B. I. Medovar, A. A. Rossoshinskiy,

RUSSIAN, per, Avtomat Svarka, Vol XXX VII,
No 3, 1954, pp 26-40.

24,679 Brutcher Tr No 3516
$8.60

SLA - R1949

Scientific - Min/Metals Jun 55 CTS

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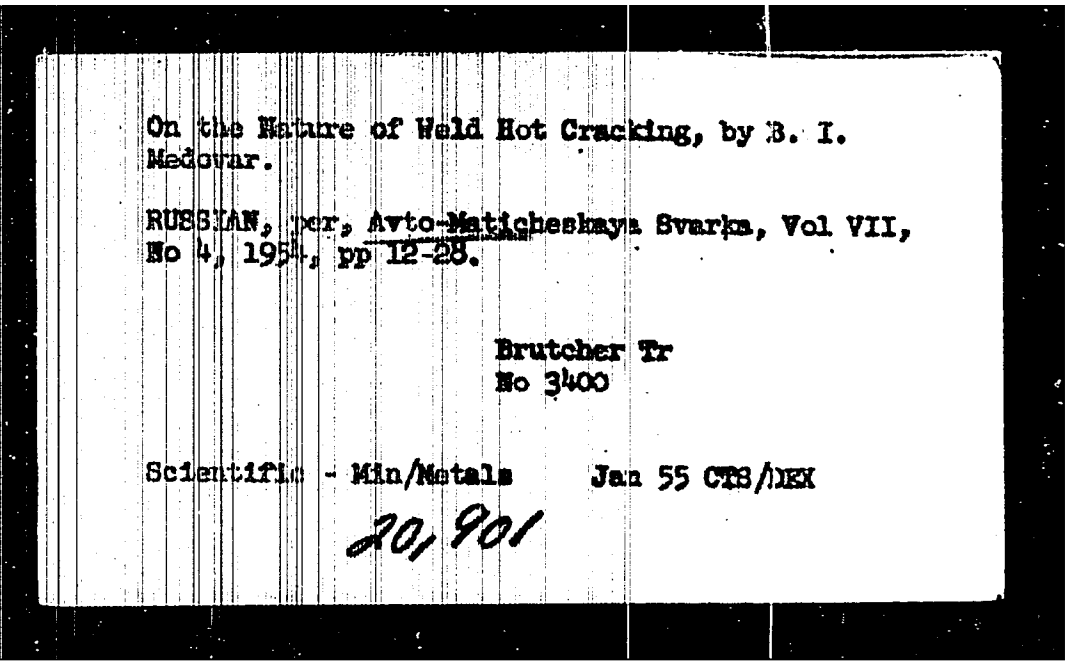

On the Nature of Weld Hot Cracking, by B. I. Medovar.

RUSSIAN, per, Avto-Matichesheya Svarka, Vol VII, No 4, 1954, pp 12-28.

Brutcher Tr
No 3400

Scientific - Min/Metals Jan 55 CTS/DEX

20,901

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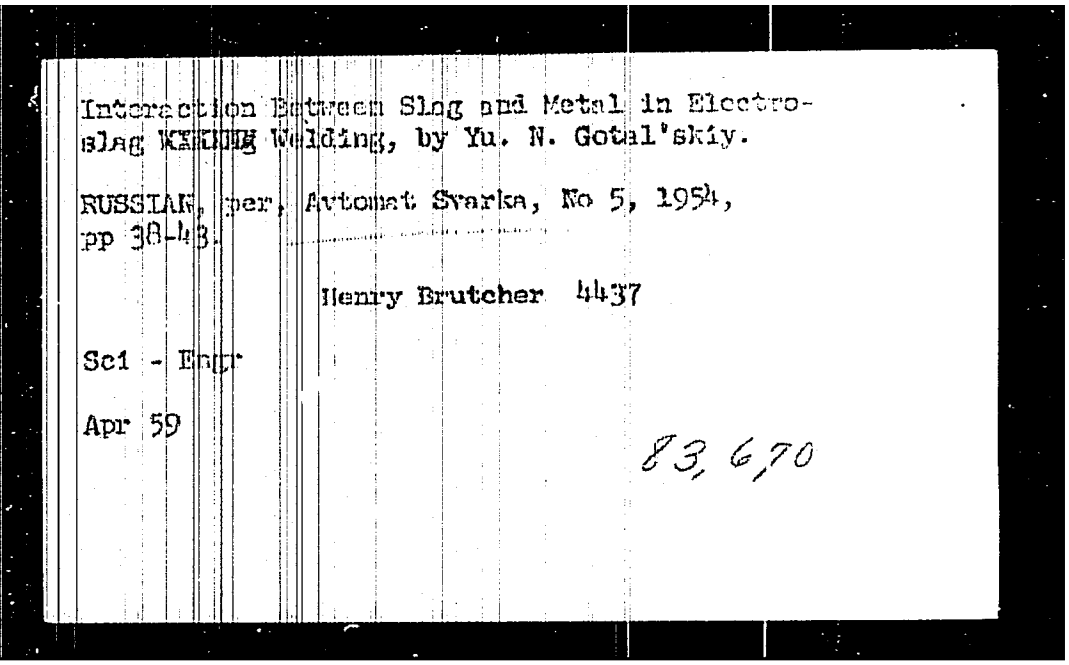

Interaction Between Slag and Metal in Electro-slag [illegible] Welding, by Yu. N. Gotal'skiy.

RUSSIAN, per, Avtomat Svarka, No 5, 1954, pp 38-43.

Henry Brutcher 4437

Sci - Engr

Apr 59

83, 6,70

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Formation of Hot Cracks in Butt Welds With Extension Tabs, by S. L. Mandel'berg, O.S. Zabarilo,

RUSSIAN, per, Avtomat Svarka, Vol VII, No 6, 1954, pp 29-32.

27,850 Brutcher Tr 3550

Scientific - Min/Metals Oct 55 CIS

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Submerged Automatic Arc Welding of Rusty Steel,
by A. G. Mazel, B. P. Vasil'kov.

RUSSIAN, per, Avtomaticheskaya Svarka, Vol
VII, No 6, 1954, pp 44-51.

Brutcher Tr No 3591
$4.20

USSR
Sci - Engineering
Minerals/Metals

29/111

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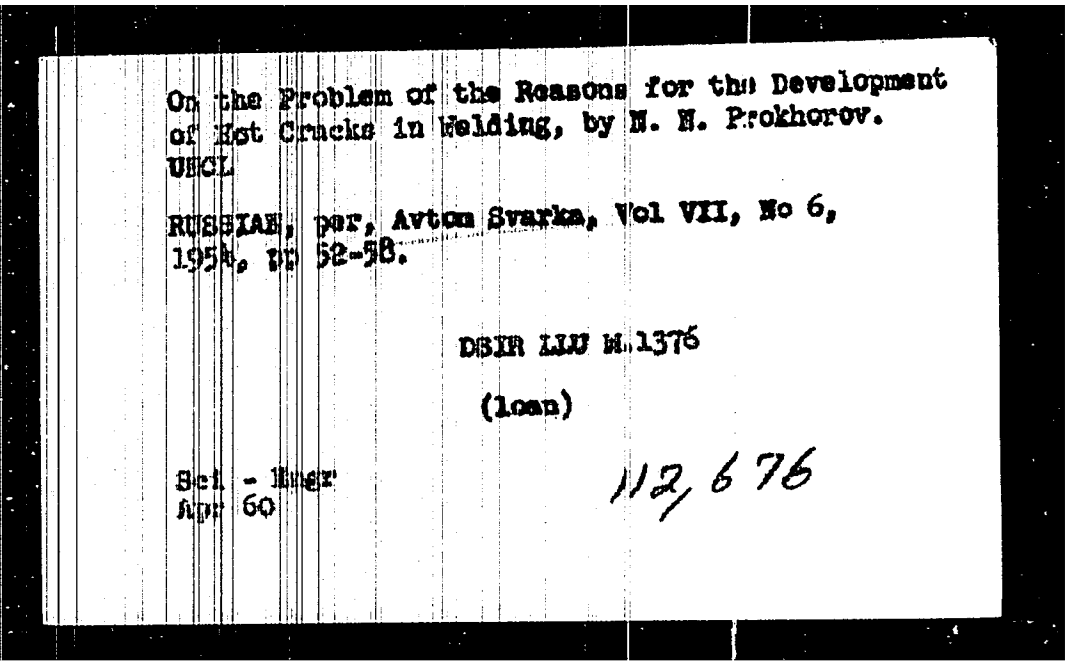

On the Problem of the Reasons for the Development of Hot Cracks in Welding, by N. N. Prokhorov.
UECL

RUSSIAN, per, Avtom Svarka, Vol VII, No 6, 1954, pp 52-58.

DSIR LIB M.1376

(loan)

Sel - Liter
Apr 60

112, 676

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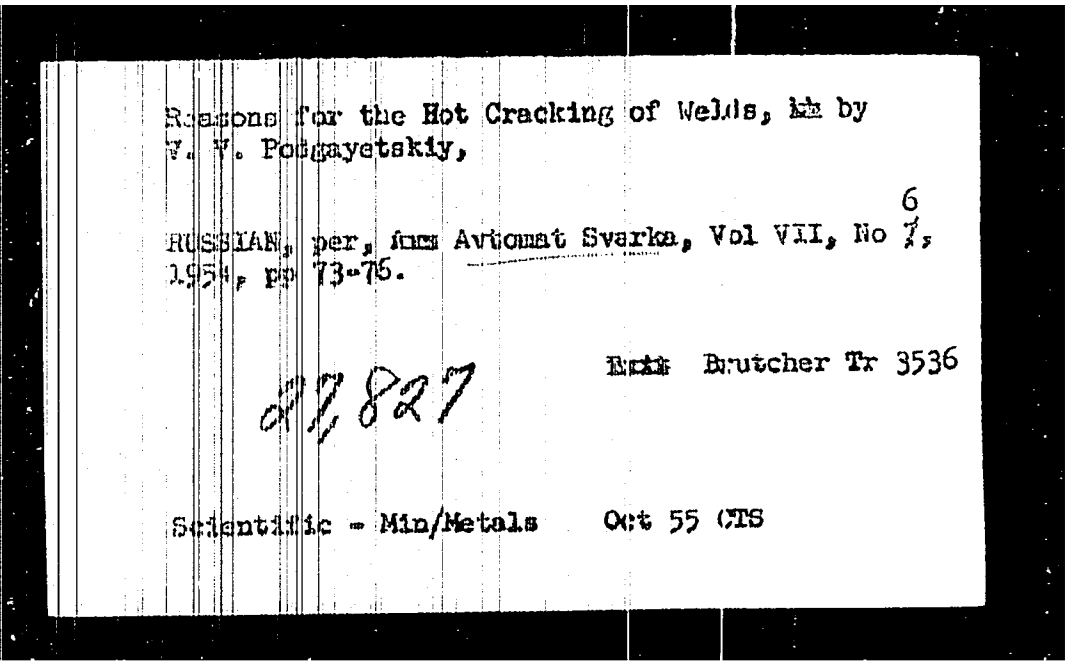

Reasons for the Hot Cracking of Welds, by
V. V. Podgayetskiy,

RUSSIAN, per, from Avtomat Svarka, Vol VII, No 6, 1954, pp 73-76.

AF 827

Brutcher Tr 3536

Scientific - Min/Metals Oct 55 CTS

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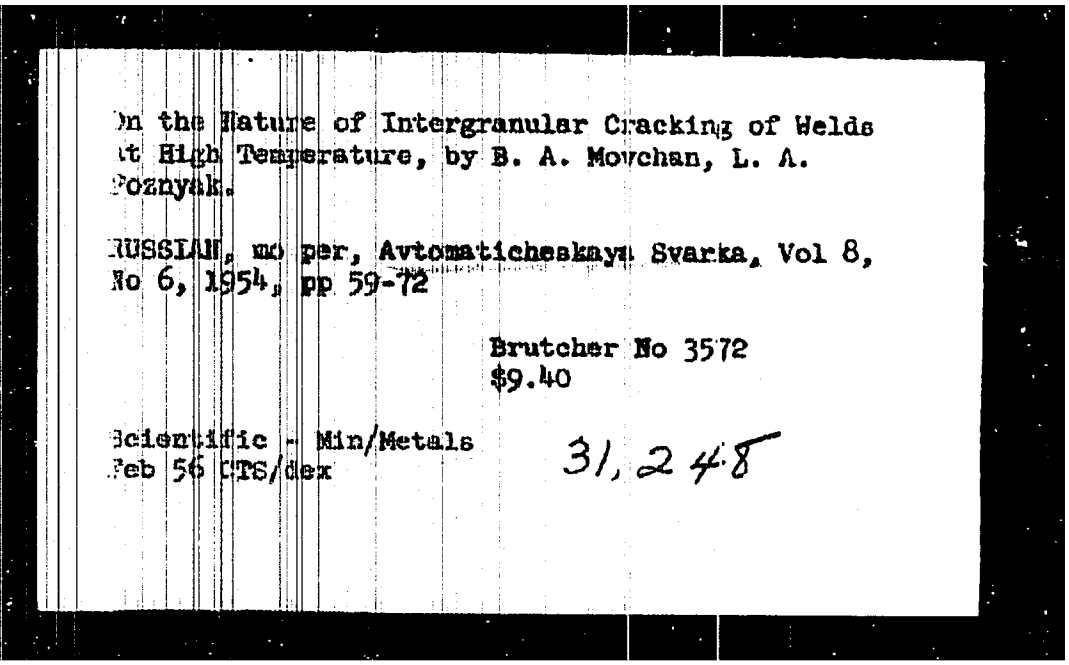

On the Nature of Intergranular Cracking of Welds at High Temperature, by B. A. Movchan, L. A. Poznyak.

RUSSIAN, mo per, Avtomaticheskaya Svarka, Vol 8, No 6, 1954, pp 59-72

Brutcher No 3572
$9.40

Scientific - Min/Metals
Feb 56 CTS/dex

31,248

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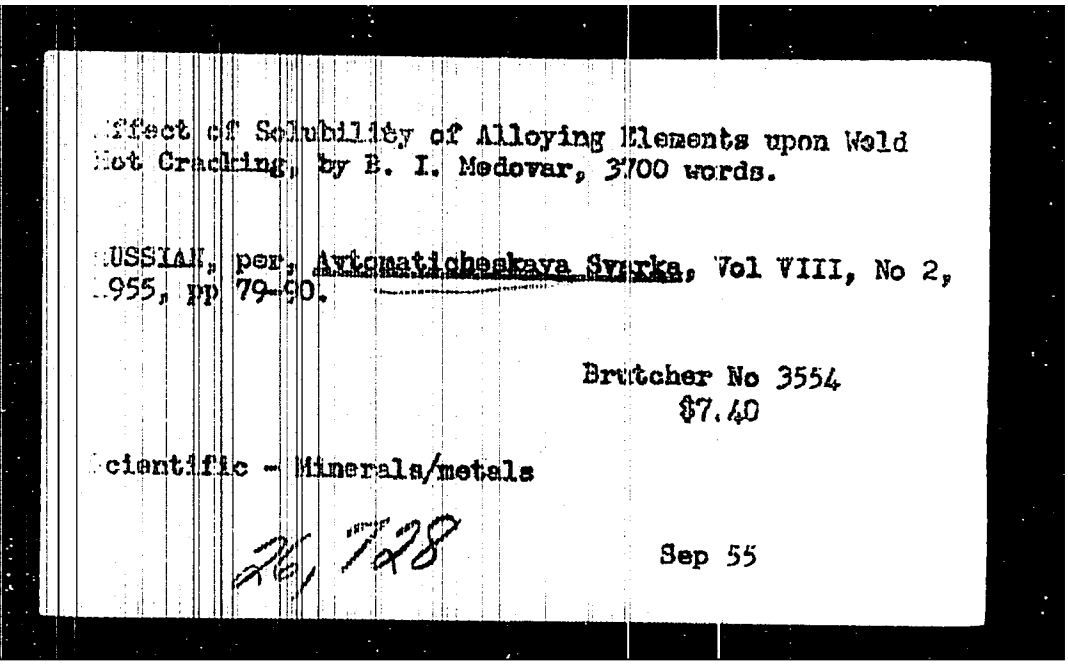

Effect of Solubility of Alloying Elements upon Weld Hot Cracking, by B. I. Medovar, 3700 words.

RUSSIAN, per, Avtomaticheskaya Svarka, Vol VIII, No 2, 1955, pp 79-90.

Brutcher No 3554
$7.40

Scientific - Minerals/metals

24, 728

Sep 55

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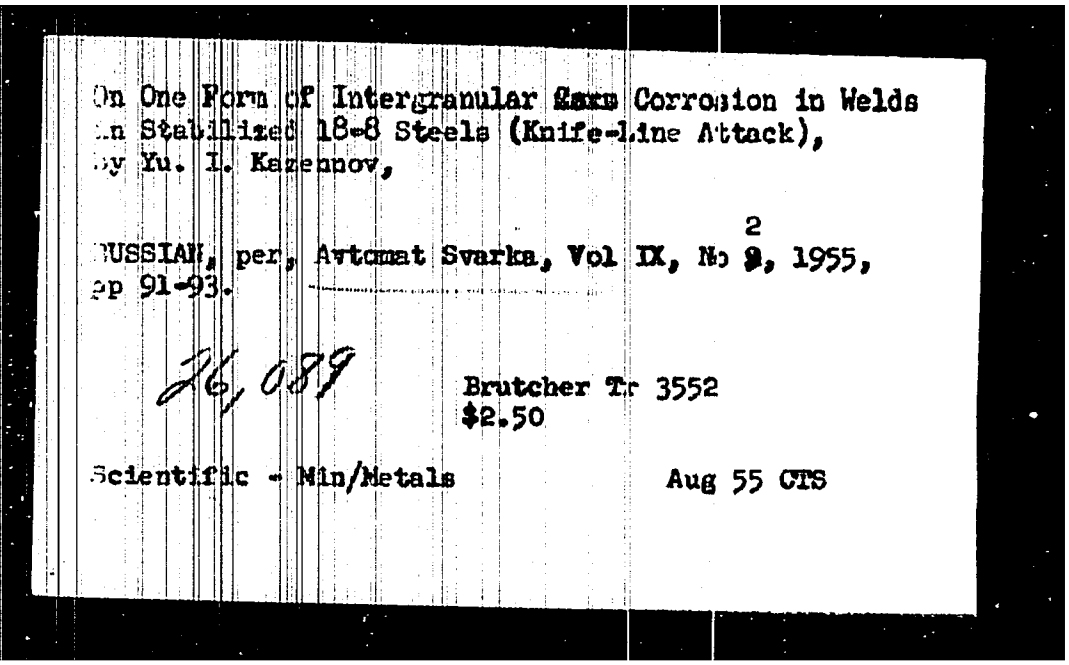

On One Form of Intergranular Sarm Corrosion in Welds
in Stabilized 18-8 Steels (Knife-line Attack),
by Yu. I. Kazennov,

RUSSIAN, per, Avtomat Svarka, Vol IX, No 2, 1955,
pp 91-93.

26,089 Brutcher Tr 3552
$2.50

Scientific - Min/Metals Aug 55 CTS

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530029-8

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Special Features of Automatic (Semisubmerged) Arc Welding of Aluminium and Its Alloys, by D. M. Rabkin, 15 pp.

RUSSIAN, per, Avtomat Svarka, Vol VIII, No 3, 1955, pp 13-25.

SLA 59-22671

Sci
Sep 61

169,357

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Some Problems of the Metallurgy of Semi-Automatic Welding of Stainless Steel Using Unfused Siliceous Fluxes, by A. I. Akulov.

RUSSIAN, per, Avtomaticheskaya Svarka, Vol VIII, No 3, 1955, pp 50-54.

Brutcher No 3794
$3.20

40, 6:50

Sci - Min/metals

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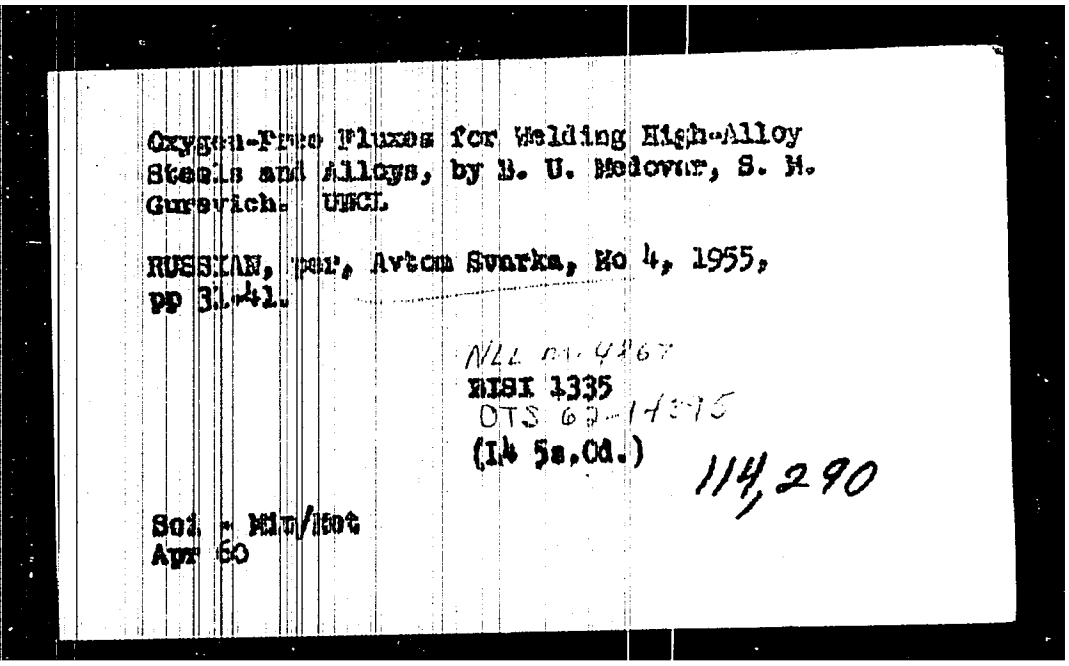

Oxygen-Free Fluxes for Welding High-Alloy Steels and Alloys, by B. U. Medover, S. M. Gurevich. UMCI.

RUSSIAN, per, Avtom Svarka, No 4, 1955, pp 31-41.

NLL 61-4467
NISI 1335
OTS 62-14315
(14 5s,0d.)

114,290

Sol - Mtn/150t
Apr 60

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Effect of Structure of Flux on Porosity of Weld,
by T. V. Podgayetskiy, A. V. Bal'nik. UNGL

RUSSIAN, per, Avtom Svarka, No 4, 1955, pp 58-62.

British Iron and
Steel Ind 1336
(12 5s.0d.)

Sci - Min/Met
Sep 56

96, 027

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Etching Agent for Macrostructure of Welds in Steel, A. A. Rossoshinskiy, V. Ya. Sidlyarenko.

RUSSIAN, per, Avtomaticheskaya Svarka, Vol VIII, No 4, 1955, p 83.

Brutcher Tr
No 3690
$1.25

Scientific - Min/Metals May 56 CTS/DEX
34,046

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530029-8

Methods of Studying the Primary Structure of Welds, by A. A. Rossoshinskiy.

RUSSIAN, bimo per, Avtomaticheskaya [illegible], Vol VIII, No 4, Kiev, 1955, pp 90-94.

Brutcher Tr 3992
$2.75

Sci - Mtr/Met

Jan 58

57,026

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Influence of Aluminium on the Properties of Welded Seams With High Nitrogen Content, by B. S. Kasatkin, N. I. Kakhovski. UNCL

RUSSIAN; to GERMAN, per, Avtom Svarka, Vol VIII, No 5, 1955, pp 3-13.

Verein Deutscher Eisenhuettenleute
Duesseldorf
Breite Strasse 27
Germany

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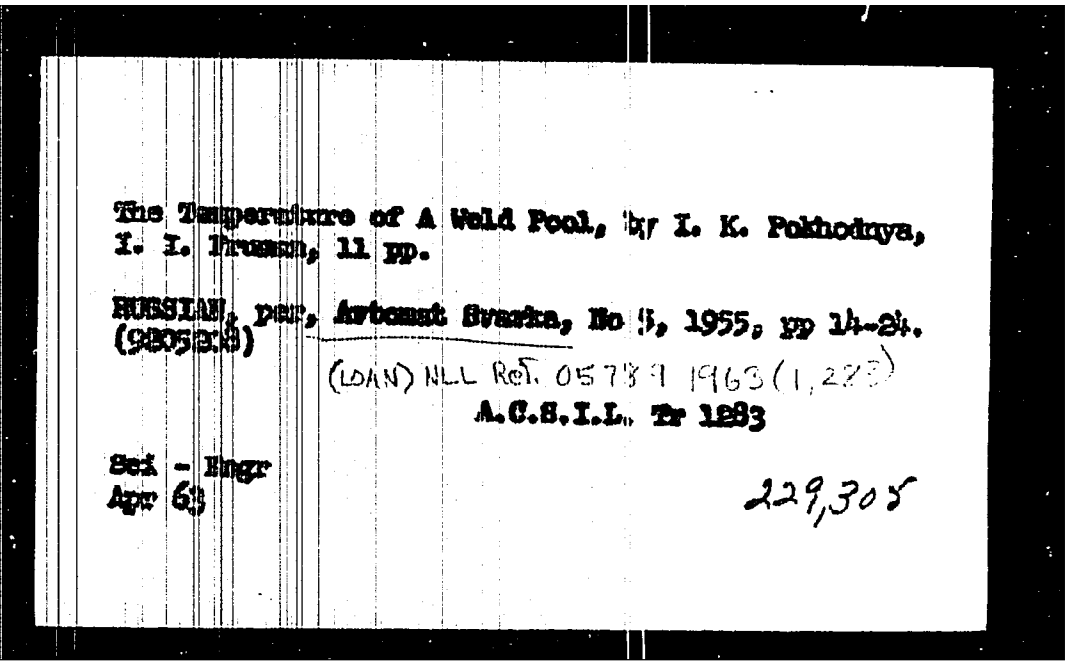

The Temperature of A Weld Pool, by I. K. Pokhodnya, I. I. Frumin, 11 pp.

RUSSIAN, per: Avtomat Svarka, No 5, 1955, pp 14-24. (9805X8)

(LOAN) NLL Ref. 05789 1963(1,223)
A.C.S.I.L. Tr 1283

Sci - Engr
Apr 63

229,305

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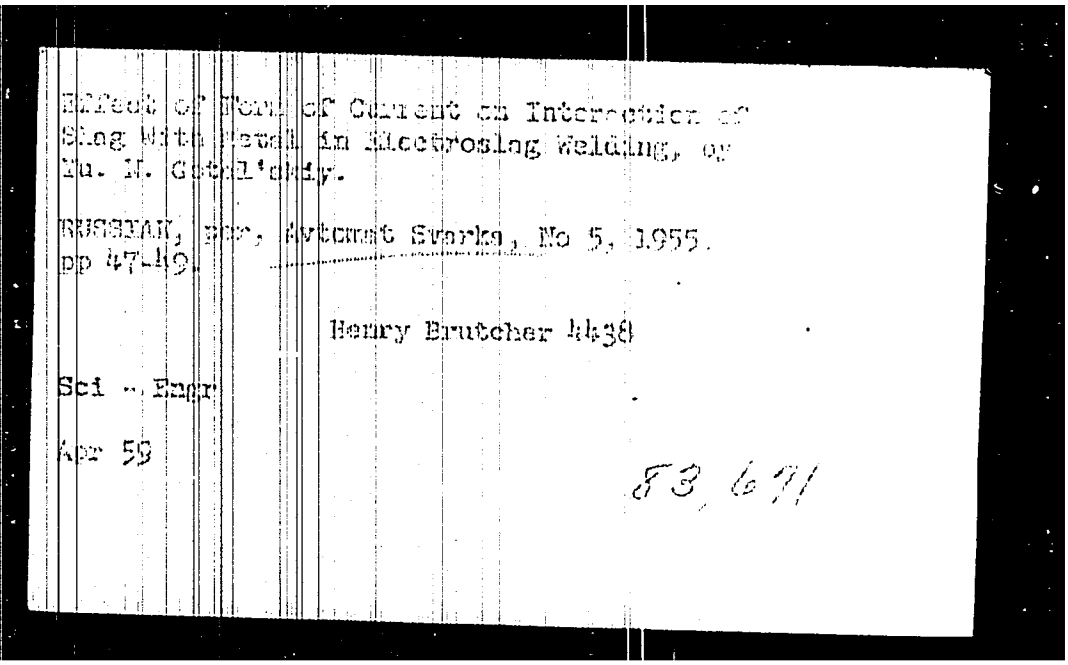

Effect of Flow of Current on Interaction of Slag With Metal in Electroslag Welding, by Yu. M. Gabel'dikh.

RUSSIAN, per. Avtomat Svarka, No 5, 1955. pp 47-49.

Henry Brutcher 4438

Sci - Engr

Apr 59

53 671

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New Developments in the Welding of Heavy-Gage Steel Plate, by M. M. Fishkis et al.

RUSSIAN, no per, Avtomat Svarka, Vol VIII, No 5, 1955, pp 74-77.

Henry Brutcher
Tr No 3774
Cost $3.90 45/135

Sci - Engineering
Mar 1957 CTS/dex

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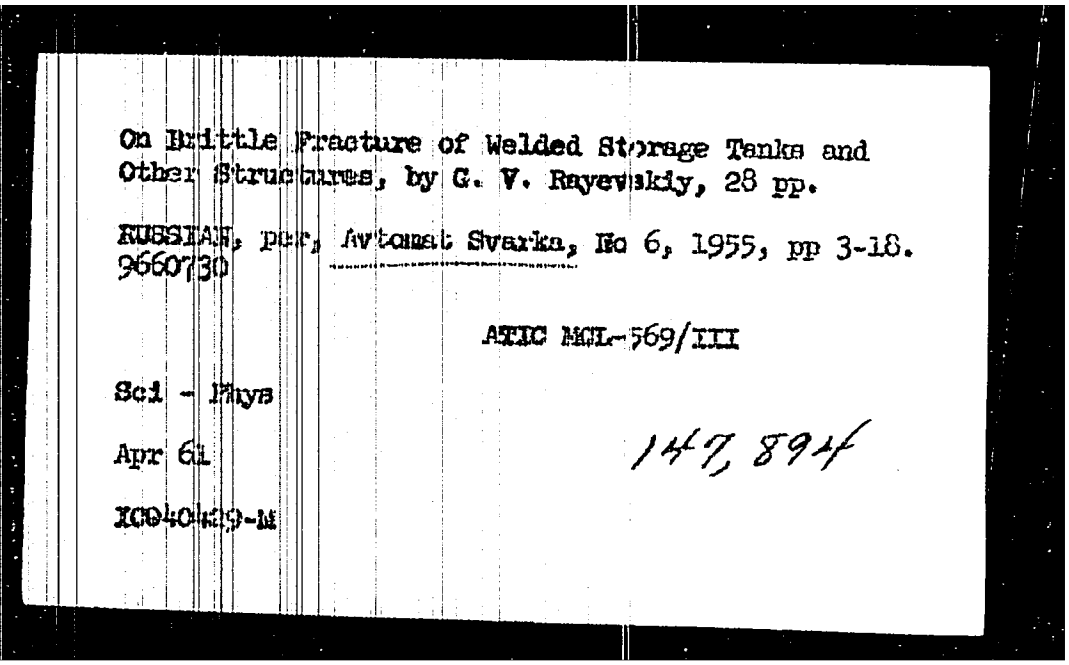

On Brittle Fracture of Welded Storage Tanks and Other Structures, by G. V. Rayevskiy, 28 pp.

RUSSIAN, per, Avtomat Svarka, No 6, 1955, pp 3-18.
9660730

ATIC MCL-569/III

Sci - Phys

Apr 61

147, 894

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Some Problems Related to the Application of Automatic Hard Facing of Rolls, by V. K. Petrichenko, RUSSIAN, per. Avtom. Svarka, No. 6, 1955, pp 74-84. BISI 5:171

Serial Number
331, 923

Sci - Materials
Jul 1967

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10 891 GE-1

B. I. MEDOVAR, N. A. LANGER

Corrosion destruction on the melting line of welds made with type 18-8 stainless steels

Korrosionszerstörung von Schweissverbindungen aus nichtrostenden Stählen des Types 18-8 auf der Schmelzlinie

Avtomat. Svarka, 8, No. 6, 85-95 (1955)

German

E u r a t o m

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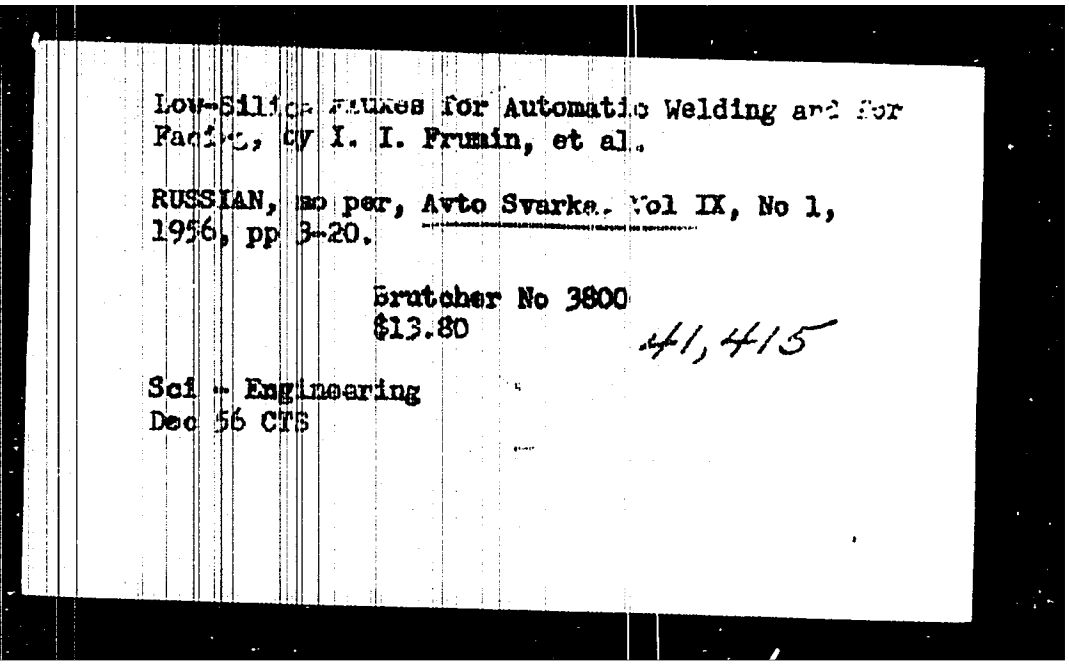

Low-Silicon Fluxes for Automatic Welding and For Facing, by I. I. Frumin, et al.

RUSSIAN, sp per, Avto Svarka. Vol IX, No 1, 1956, pp 3-20.

Gratcher No 3800
$13.80

41,415

Sci - Engineering
Dec 56 CTS

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